Course Catalog - Middlebury College - Fall 2017, Spring 2018

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- African American Studies
- African Studies
- American Studies
- Arabic
- Biology
- Chemistry & Biochemistry
- Chinese
- Classics & Classical Studies
- Comparative Literature
- Computer Science
- Dance
- Economics
- Education Studies
- English & American Literature
- Environmental Studies
- Film & Media Culture
- French and Francophone Studies
- Gender, Sexuality, and Feminist Studies
- Geography
- Geology
- German
- Global Health
- Hebrew
- History
- History of Art & Architecture
- Independent Scholar
- Interdepartmental Courses
- International & Global Studies
- International Politics & Economics
- Italian
- Japanese Studies
- Jewish Studies
- Linguistics
- Literary Studies
- Mathematics
- Molecular Biology & Biochemistry
- Music
- Neuroscience
- Philosophy
- Physical Education
- Physics
- Political Science
- Psychology
- Religion
- Russian
- Sociology/Anthropology
- South Asian Studies
- Spanish & Portuguese
- Studio Art
- Theatre
- Writing and Rhetoric

↑ Top

African American Studies Minor

Professors: William Nash (American studies and English and American literature) Ellen Oxfeld (sociology/anthropology), James Ralph (history); Associate Professors: William Hart (history); Jessyka Finley (American Studies); Program Coordinator: Rene Brown

This program offers a minor in African American studies to students who complete the following requirements:
(1) The following core courses, designed to offer theoretical perspectives and broad background:
* HIST 0225 African American History
* AMST 0224 Race and Ethnicity in the US
(2) Two of the following courses, which are more focused explorations of a part of the African American experience:
* AMST 0310 Livin for the City
* ENAM/AMST 0252 African American Literature
* HIST/AMST 0226 The Civil Rights Revolution
*AMST 0107 Intro to African American Culture
*AMST/GSFS 0204 Black Comic Cultures
*AMST/GSFS 0208 Unruly Bodies: Black Womanhood in Popular Culture
*AMST 0345 Black Lives Matter
*AMST/SOAN 0348 Black Ethnography
AMST 0259 Re-Presenting Slavery
(3) One advanced, relevant 0400 level course or an independent 0500-level project.
Other appropriate courses offered during the fall and spring semesters, or during the winter term, may be substituted for courses in category 2 at the discretion of the program director. The director or minor advisor will also approve courses to count in category 3.

↑ Top

African Studies Minor

Professors: Armelle Crouzires-Ingenthron (French), Jacob Tropp (history); Associate Professors: Nadia Horning (political science), Michael Sheridan (sociology/anthropology); Assistant Professor: Claudia Cooper (education studies), Damascus Kafumbe (music)

This program offers a minor in African Studies to students who complete the following requirements:

(1) Two of the following courses which focus primarily on Africa:
DANC 0163 From Africa to America: Moving from Our Core
ECON 0234 Economics of Africa
ECON 0327 Economic Development in Africa
FREN 0395 Women's Voices from the Francophone World
FREN 0396 (Re) Constructing Identities in Francophone Colonial and Postcolonial Fiction
FREN 0398 Children and Civil War in Francophone African Literature
FREN/PSCI 0399 Power & Pen: Franco Africa
FREN 0492 Denunciation and Literature: The Awakening of the Maghreb
GEOG 0226 Geopolitics of Sub-Saharan Africa
HIST 0113 History of Africa to 1800
HIST 0114 History of Modern Africa
HIST 0315 Health and Healing in African History
HIST 0375 Struggles in Southern Africa
HIST 0441 Readings in African History: Environmental History of Africa
HIST 0442 Popular Culture and History in Africa
HIST/GSFS0443 Readings in African History: Women and Gender in African History
MUSC 0236 African Soundscapes
MUSC 0244 African Music and Dance Performance
PSCI 1016 Dictators and Democrats
PSCI 0321 Anglophone versus Francophone Africa (CW)
PSCI 0202 African Politics
PSCI 0431 Seminar on African Government
RELI 0233 Christianity in Africa
SOAN 0232 Anthropology of Continuity and Change in Sub-Saharan Africa
SOAN/IGST 1070 Introduction to Swahili and East African Cultures
SOAN/IGST 1080 Swahili and East African Culture II

(2) Two additional courses, either chosen from group (1) above or from the following courses, which include significant materials on Africa and/or the African Diaspora. When given the option to pursue independent research projects in these courses, students are expected to choose Africa-related topics to contribute to their minor:
ECON 0425 Seminar on Economic Development
ECON 0465 Special Topics in Environmental Economics
FREN 0394 Black and Beur Expression
GEOG 0210 Geographical Perspectives on International Development
HIST 0105 The Atlantic World: 1492-1900
HIST 0109 History of Islam and the Middle East, Since 1453
HIST 0225 African American History

HIST 0263 Religion and Politics in Islamic History
HIST 0427 Diaspora and Exile
HIST/GSFS0438 Readings in Middle Eastern History: Women and Islam
MUSC 1066 The History of the American Negro Spiritual
PGSE 0330 Aesthetics of Urban Poverty in Literature, Film, and Music
PGSE 0375 Colonial Discourse and the "Lusophone World"
PSCI 0209 Local Green Politics
PSCI 0258 The Politics of International Humanitarian Action
PSCI 0330 Comparative Development Strategies
RELI 0150 The Islamic Tradition
RELI 0272 African American Religious History
RELI 0359 Issues in Islamic Law and Ethics: Questions of Life and Death
SOAN 0211 Human Ecology
SOAN 0267 Global Health
SOAN 0468 Success and Failure in Global Health and Development Projects
SOAN 0340 The Anthropology of Human Rights
SOAN/RELI 0353 Islam in Practice: Anthropology of Muslim Cultures

*Courses offered during the winter term may apply to the minor.

(3) One advanced seminar course (0300- or 0400-level, depending on the department), or a relevant, independent 0500-level project (at the discretion of the program director).
Other courses offered during the fall, winter, or spring terms, or at affiliated institutions abroad, may be substituted for the above listed courses at the discretion of the program director. As a general rule, no more than one course from a study abroad program will be counted towards the fulfillment of the minor.

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Program in American Studies

Requirements: A minimum of eleven courses including AMST 0209, AMST 0210, AMST 0400, three AMST electives, four courses in a concentration designed in consultation with a faculty advisor, and AMST 0705 (senior research tutorial). Students writing honors theses will undertake an additional term of independent research and writing (AMST 0710).
Electives: Three AMST electives, two of which must be numbered 0200 or higher. These courses must be listed or cross-listedas AMST courses in the course catalog. Courses may not count toward both the elective and concentration requirements.
Junior Seminar (AMST 0400): Students should normally take this seminar in the Fall of their Junior year. Where compelling circumstances make doing this impossible, arrangements to take the course as a senior may be made with the director of the American Studies program.
Senior Research Tutorial (AMST 0705): Seniors must complete either a one-credit research project and essay of approximately 30 pages, or, if otherwise qualified, a two-credit honors thesis of approximately 70 pages. Equivalent work in other media may be possible. All AMST seniors must enroll in AMST 0705, the senior research tutorial, in the fall of their senior year. This seminar will focus on the development of sophisticated research skills, the sharing with peers of research and writing in progress, and the completion of a substantial research project. Those writing one-credit essays will complete their projects over the course of this tutorial. Students writing two-credit honors theses will complete at least one chapter in the seminar and then continue work on the project over another term (AMST 0710) in consultation with a faculty adviser. To qualify for the writing of an honors thesis, a student must have a GPA of at least 3.5 in courses taken for the major. Faculty will make determinations on the awarding of honors after theses are completed.
Concentrations: Concentrations must bring together coherent clusters of four courses that address particular themes, periods, movements, or modes of thought and expression. In consultation with an advisor and with approval of the program, students will develop an interdisciplinary concentration in one of these areas:
Popular Culture: Students will study popular cultural forms, their reception, and the history of their production in the United States. Courses will especially focus on the conflicts between popular culture as a site of creativity and democratic empowerment on the one hand, and as a product of dominant commercialized cultural industries on the other.
Race and Ethnicity: Students will examine specific groups in depth and in comparison, exploring racialand ethnic history, political struggles, creative and cultural practices, and individualand collective modes of identity formation. By studying how and why racialand ethnic identities have evolved in the United States, students will understand their central place in the formation of the American nation.
Artistic and Intellectual Traditions: Students will focus on literary, religious, philosophical, and social thought and its expression in the United States. They will be encouraged to examine particular currents of thought (e. g. evangelicalism, liberalism, romanticism, modernism, progressivism) or modes of expression (e.g. literature, visual art, or film) that have been important to American culture.
Space and Place: Students will explorethe importance of landscape and place in American culture. Course work may include the study of American regional geography, the historical and aesthetic dimensions of the built environment, the impacts of urban growth, suburbanization, or the imagining of utopian spaces.
Cultural Politics: Students will explorethe relationship between culture, ideology, and the

political system. People create meaning about their personal and public lives through cultural practices, but those practices take place within institutional and ideological structures. Relevant courses might explore ethics and religion; political parties and social movements; feminism and gender studies; and representation and visual culture.

Self-Designed Concentration: Self-designed concentrations must be built in close consultation with a faculty advisor and should focus on a cultural theme or interdisciplinary area of inquiry. Potential topics might include: Gender & American Culture; American Environmentalism; Visual Culture; Industrialization of America; and Immigration and Cultural Exchanges.

Joint Major Requirements: Students may major in AMST jointly with another discipline or program. Students must discuss their rationale for doing so with their advisor in AMST and joint majors must be approved by the faculty in AMST. Required courses for a joint major in AMST are: AMST 0209, AMST 0210, AMST 0400, and AMST 0705, and 2 AMST electives.

Minor Requirements: Students may complete a minor in American Studies by taking the following courses: AMST 0210, AMST 0209, AMST 0400, three AMST electives.

Study Abroad for American Studies Majors: The faculty members of the Program in American Studies recognize the benefits of cross-cultural learning and encourage majors to take advantage of study abroad opportunities. Often students returning from study abroad undertake senior work that responds to their cultural learning while abroad. We encourage students to take courses in their study abroad program that focus on the host culture and thereby allow the best opportunity for cultural comparison.

American Studies majors normally take AMST 0400, a required seminar, in the fall semester of their junior year. Under compelling circumstances that leave only the fall available as an option for study abroad, majors may be able to take AMST 0400 in the fall semester of their senior year. Such arrangements must be discussed in advance with, and approved by, the director of the American Studies program. The American Studies program enjoys being host to exchange students from the American studies programs at the Universities of East Anglia and Nottingham in Great Britain.

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in Great Britain.

AMST 0101 Introduction to American Studies: American Holidays (Spring 2018)

In this course we will offer an introduction to the interdisciplinary study of American culture and identity. Integrating a range of sources and methods, we will examine myths, symbols, values, and social changes that have been used to create and contest ideas of "Americanness." This year we will focus on holidays, both secular and religious, and how they have been celebrated or observed in the U.S., past and present, privately and publicly. With a multifaith and multiethnic scope, we will consider holidays such as Easter, Purim, Passover, Ramadan and Eid al-Fitr, Yom Kippur, and Diwali, as well as largely-secular holidays such as Valentine’s Day, St. Patrick’s Day, Halloween, and Thanksgiving. We will also compare and contrast a variety of New Year festivities as they are celebrated by immigrant and diasporic communities. Sources for the course will include greeting cards, advertisements, magazine illustrations, decorations, cookbooks and recipes, genre paintings, music, photographic documentation of parades and festivals, and objects related to the celebration and observation of religious holidays from a variety of faiths and traditions. 3 hrs. lect. **AMR**, **CMP**, **NOR** *(E. Foutch)*

AMST 0104 Television & American Culture (Spring 2018)

This course explores American life in the last six decades through an analysis of our central medium: television. Spanning a history of television from its origins in radio to its future in digital convergence, we will consider television's role in both reflecting and constituting American society through a variety of approaches. Our topical exploration will consider the economics of the television industry, television's role within American democracy, the formal attributes of a variety of television genres, television as a site of gender and racial identity formation, television's role in everyday life, and the medium's technological and social impacts. 2 hrs. lect./3 hrs. screen. **AMR**, **NOR**, **SOC** *(J. Mittell)*

Cross-listed as: FMMC 0104 *

AMST 0107 Introduction to African American Culture (Spring 2018)

In this introductory survey we will focus on the study of African American culture in the United States, exploring various aspects of cultural production such as literature, music, visual arts, film, and performance. The guiding questions of the course are: what role has black culture played in shaping and responding to broader paradigms in American culture? How is lived experience implicated in the production of black culture? How have cultural products helped define, call into question, and celebrate “blackness?” Readings may include W. E. B. Du Bois’ *The Souls of Black Folk* (1903), Octavia Butler’s *Kindred* (1979), and Tricia Rose’s *Black Noise* (1994). 3 hrs. lect./disc. **AMR**, **NOR** *(J. Finley)*

AMST 0175 Immigrant America (Fall 2017)

In this course we will trace American immigration history from the late 19th to the turn of the 21st century, and examine the essential place immigration has occupied in the making of modern America and American culture. The central themes of this course will be industrialization and labor migrations, aftermaths of wars and refugees, constructions of racial categories and ethnic community identities, legal defining of "aliens" and citizenship, and diversity in immigrant experiences. To explore these themes, we will engage a range of sources including memoirs, novels, oral histories, and films. **AMR**, **HIS**, **NOR** *(R. Joo)*

Cross-listed as: HIST 0175

AMST 0180 Critical Studies of Sport (Spring 2018)

Sports offer important contexts for the study of social relations, inequalities, and differences in North America. Sports exist as an important arena where ideas around class, gender, sexuality, race, ability, and status are embodied and performed. In this course we will discuss the significance of sports to ideas of the self as well as in broader cultural, social, economic, and political realms. We will analyze a variety of issues including the relationship of sports to media, celebrity, money, religion, and education. We will also investigate the significance of sports and athletes to contemporary processes of globalization. (Not open to students who have taken AMST 1003). **AMR**, **NOR**, **SOC** *(R. Joo)*

Cross-listed as: GSFS 0180

AMST 0205 World War I and American Art (Fall 2017)

This year (2017) marks the centennial of the United States' entry into World War I. How did the "Great War" change American culture? How do we remember World War I, and how might its cultural products inform American identity? How did artists react to social turmoil and violence? In this course, we will examine the art and artifacts of American involvement in World War I, from posters ("Uncle Sam Wants You!"), flag parades, paintings, and films to prostheses, monuments, and memorials, as well as the war's effect on gender roles and race relations. How might Middlebury observe the one hundredth anniversary of the war? 3 hrs. lect. **AMR**, **ART**, **HIS**, **NOR** *(E. Foutch)*

Cross-listed as: HARC 0205

AMST 0206 Nineteenth-Century American Literature (Fall 2017)

This course will examine major developments in the literary world of 19th century America. Specific topics to be addressed might include the transition from Romanticism to Regionalism and Realism, the origins and evolution of the novel in the United States, and the tensions arising from the emergence of a commercial marketplace for literature. Attention will also be paid to the rise of women as literary professionals in America and the persistent problematizing of race and slavery. Among others, authors may include J. F. Cooper, Emerson, Melville, Douglass, Chopin, Whitman, Dickinson, Twain, Hawthorne, Stowe, Alcott, Wharton, and James. 3 hrs. lect./disc. **AMR**, **LIT**, **NOR** *(B. Millier)*

Cross-listed as: ENAM 0206 *

AMST 0208 Unruly Bodies: Black Womanhood in Popular Culture (Fall 2017)

In this course we will examine representations of black womanhood in popular culture, analyzing the processes by which bodies and identities are constructed as dangerous, deviant, and unruly. For example, materials will include the work of bell hooks and Patricia Hill Collins to analyze the imagery of black womanhood propagated by the television shows *The Jerry Springer Show* and *Bad Girls Club*. By contrast, we will also read Saidiya Hartman's *Scenes of Subjection* as a lens through which to view "bad" black womanhood as a radically stylized means of redress in the Blaxploitation-era film *Foxy Brown*. 3 hrs. lect. **AMR**, **CMP**, **NOR** *(J. Finley)*

Cross-listed as: GSFS 0208

AMST 0209 American Literature and Culture: Origins-1830 (Fall 2017)

A study of literary and other cultural forms in early America, including gravestones, architecture, furniture and visual art. We will consider how writing and these other forms gave life to ideas about religion, diversity, civic obligation and individual rights that dominated not only colonial life but that continue to influence notions of "Americanness" into the present day. 3 hrs. lect./disc. **AMR**, **LIT**, **NOR** *(E. Foutch)*

Cross-listed as: ENAM 0209

AMST 0210 Formation of Modern American Culture I: 1830-1919 (Spring 2018)

An introduction to the study of American culture from 1830 through World War I with an emphasis on the changing shape of popular, mass, and elite cultural forms. We will explore a widely-accepted scholarly notion that a new, distinctively national and modern culture emerged during this period and that particular ideas of social formation (race, class, gender, sexuality, etc.) came with it. We will practice the interdisciplinary interpretation of American culture by exploring a wide range of subjects and media: economic change, social class, biography and autobiography, politics, photo-journalism, novels, architecture, painting, and photography. Required of all American studies majors. 3 hrs. lect./disc. **AMR**, **HIS**, **NOR** *(W. Nash)*

AMST 0213 Introduction to Latina/o Studies (Fall 2017)

In this course we will undertake an interdisciplinary investigation of the unique experiences and conditions of U.S. Latina/os of Caribbean, Latin American, and Mexican descent. We will critically examine transnational cultures, patterns of circular migration, and intergenerational transformations from a historical perspective while also using methodologies from the humanities and social sciences. Topics will include the conquest of Mexico's northern frontier, Chicana/o and Nuyorican movements, Latina feminist thought, Latina/o arts, Central American migrations in the 1980s, Latina/o religiosities, as well as philosophies of resistance and acculturation. 3 hrs. lect. **AMR**, **HIS**, **NOR**, **SOC** *(R. Lint Sagarena)*

AMST 0225 Gothic and Horror (Spring 2018)

This course examines the forms and meanings of the Gothic and horror over the last 250 years in the West. How have effects of fright, terror, or awe been achieved over this span and why do audiences find such effects attractive? Our purpose will be to understand the generic structures of horror and their evolution in tandem with broader cultural changes. Course materials will include fiction, film, readings in the theory of horror, architecture, visual arts, and electronic media. 3 hrs. lect./disc. 3 hrs lect. **AMR**, **HIS**, **NOR** *(M. Newbury)*

Cross-listed as: FMMC 0225

AMST 0227 Asian Americas (Spring 2018)

In this course we will investigate cultural transformations, cultural politics, and the cultural productions of and about Asian Americans. The themes of immigration, nation, and citizenship are central to the construction of the U.S. racial category of Asian. Those addressed within the category are highly diverse and differentiated along class, gender, and generational lines, yet the racial category structures particular kinds of experiences and possibilities for subjects. Historical transformations and contemporary issues in a variety of Asian American contexts will be investigated through a variety of texts including historical accounts, cultural studies, anthropological studies, autobiography, and fiction. 3 hrs. lect. **AMR**, **NOR**, **SOC** *(R. Joo)*

AMST 0232 Music in the United States (Fall 2017)

In this course we will examine folk, classical, and popular music in the United States from the 17th century to the present. We will use historical and analytical approaches to gain insight into the music, the musicians, and the social and cultural forces that have shaped them. Students will explore music’s relation to historical events, other artistic movements, technological changes, and questions of national identity and ethnicity. Topics will include music in the British colonies, minstrelsy, American opera and orchestras, jazz, popular music, and the experimentalist composers of the 20th and 21st centuries. Music reading skills are useful but not required. 3 hrs. lect./disc. **AMR**, **ART**, **NOR** *(L. Hamberlin)*

Cross-listed as: MUSC 0232 *

AMST 0240 Captivity Narratives (Spring 2018)

Captivity narratives—first-person accounts of people's experiences of being forcibly taken and held against their will by an "other"—were immensely popular and important in early America; the captivity motif has been perpetuated and transformed throughout later American literature and film. In this course we will explore what these types of tales reveal about how Americans have handled the issues of race and racism, religion, gender, violence and sexuality that experiences of captivity entail. Beginning with classic Puritan narratives (Mary Rowlandson) and moving forward through the 19th and 20th centuries, we will consider the ways that novels (*The Last of the Mohicans*), autobiographies (Patty Hearst, Iraqi captivity of Pvt. Jessica Lynch) and films (*The Searchers*, *Little Big Man*, *Dances with Wolves*) do cultural work in shaping and challenging images of American national identity. 3 hrs. lect. (Diversity) **AMR**, **ART**, **LIT**, **NOR** *(D. Evans)*

Cross-listed as: ENAM 0240

AMST 0245 American Landscape: 1825-1865 (Fall 2017)

This course will explore American landscape painting through an interdisciplinary approach, employing art, literature, religion, and history. In studying the landscape paintings of Thomas Cole, Asher B. Durand, and Frederic Church, we will also consider the commercial growth of New York City; the myths and legends of the Catskill Mountains; the writings of James Fenimore Cooper, Washington Irving, and Henry David Thoreau; the opening of the Erie Canal; and the design and construction of Central Park. 3 hrs. lect./disc. **AMR**, **ART**, **HIS**, **NOR** *(C. Wilson)*

AMST 0251 Constructing Memory: American Monuments and Memorials (Spring 2018)

“Democracy has no monuments,” John Quincy Adams once famously argued. “It strikes no medals; it bears the head of no man upon its coin; its very essence is iconoclastic.” Yet nearly 250 years after America’s founding, monuments and memorials surround us. In this course we will explore the memorializing impulse; the complexity and depth of emotion evoked by memorial acts; and the oftentimes heated controversies about modes, placement, and subject of representation. We will consider how and why America chooses to memorialize certain people and events, and what is gained—and sometimes erased—in the process. By choosing among a broad range of traditional and non-traditional modes of representation, we will consider how public memorials both reflect and shape Americans’ shared cultural values. The course will include site visits to local monuments and projects in which we propose designs or redesigns of memorials for a 21st century audience. **AMR**, **ART**, **CW**, **NOR** *(D. Evans, L. Gates)*

AMST 0259 Re-Presenting Slavery (Spring 2018)

In this course we will examine 20th century American portrayals of chattel slavery through creative works and situate them in their historical contexts. Working primarily with fiction (*Oxherding Tale*, *Kindred*, *The Underground Railroad*), film (*Mandingo*, *Django Unchained*, *Twelve Years a Slave*), television (*Roots*, *Africans in America*, *Underground*), and visual art (works by Jacob Lawrence, Romare Bearden, and Kara Walker), we will evaluate how those various representations of the “Peculiar Institution” have changed, and/or have been changed, by the cultural moments in which they appeared. 3 hrs lect. **AMR**, **ART**, **HIS**, **NOR** *(W. Nash)*

AMST 0260 American Disability Studies: History, Meanings, and Cultures (Fall 2017)

In this course we will examine the history, meanings, and realities of disability in the United States. We will analyze the social, political, economic, environmental, and material factors that shape the meanings of "disability," examining changes and continuities over time. Students will draw critical attention to the connections between disability, race, ethnicity, gender, sexuality, socioeconomic status, and age in American and transnational contexts. Diverse sources, including films and television shows, music, advertising, fiction, memoirs, and material objects, encourage inter and multi-disciplinary approaches to disability. Central themes we consider include language, privilege, community, citizenship, education, medicine and technology, and representation. **AMR**, **HIS**, **NOR**, **SOC** *(S. Burch)*

AMST 0262 Class, Culture, and Representation (Spring 2018)

In this course we will examine the contested meanings of social class in U.S. culture from 1930 to the present. We will ask the following: How have workers, the workplace, and economic inequality been imagined in U.S. film, art, and popular culture? How have categories such as race, gender, and sexuality informed ideas about class? And how do the realities of economic inequality mesh with civic narratives of meritocracy and the “American Dream”? Readings will include works by Barbara Ehrenreich, Studs Terkel, Tillie Olsen, and Helena Maria Vilamontes. Films, music, and other media will supplement written materials. 3 hrs. lect. **AMR**, **HIS**, **NOR** *(H. Allen)*

AMST 0263 American Psycho: Disease, Doctors, and Discontents (II) (AL) (Pre-1900 AL) (Spring 2018)

What constitutes a pathological response to the pressures of modernity? How do pathological protagonists drive readers toward the precariousness of their own physical and mental health? The readings for this class center on the provisional nature of sanity and the challenges to bodily health in a world of modern commerce, media, and medical diagnoses. We will begin with 19th century texts and their engagement with seemingly "diseased" responses to urbanization, new forms of work, and new structures of the family and end with contemporary fictional psychopaths engaged in attacks on the world of images we inhabit in the present. Nineteenth century texts will likely include stories by Edgar Allan Poe, Nathaniel Hawthorne, Herman Melville, and Charlotte Perkins Gilman. Later 20th-century works will likely include Ken Kesey, *One Flew Over the Cuckoo's Nest*, Thomas Harris, *The Silence of the Lambs*, Susanna Kaysen, *Girl, Interrupted*, and Bret Easton Ellis, *American Psycho*. **AMR**, **LIT**, **NOR** *(M. Newbury)*

Cross-listed as: ENAM 0263 *

AMST 0268 Chicago: Texts and Contexts (Fall 2017)

The subject of this course is Chicago. We will study America's so-called "Second City" with an eye to its history and its cultural, political, and economic significance in the development of an "American" ideology and identity. Building on that foundation, we will examine representations of the city across the 20th and 21st centuries comprising a range of media including literature, visual art, film, and television. Looking at work by "outsiders" and "insiders," we will consider the complicated relationship between the actual place and the mythos that has grown up around it. 3 hrs. Lect. **AMR**, **HIS**, **NOR** *(W. Nash)*

AMST 0281 Viewer Discretion Advised: Controversies in American Art & Museums, 1876-Present (Spring 2018)

What are the “culture wars,” and why do they matter? What ideas are considered too “obscene” for American audiences? In this course we will explore controversies and scandals sparked by public displays of art in the U.S. including: Eakins’s Gross Clinic (1876), seen as too “bloody” for an art exhibition; the U.S. Navy’s objections to Paul Cadmus’s painting of sailors (1934); censorship and NEA budget cuts (Mapplethorpe & Serrano, 1989); backlash to The West as America’s deconstruction of myths of the frontier (1991); tensions surrounding Colonial Williamsburg’s “slave auction” reenactment (1994); debates over the continued display (and occasional defacement) of Confederate monuments in the era of the Black Lives Matter Movement. 3 hrs. lect./disc. **AMR**, **ART**, **HIS**, **NOR** *(E. Foutch)*

Cross-listed as: HARC 0281

AMST 0300 Reclaiming the Swamp: History, Science, and the Challenge of the Everglades (Fall 2017)

In this course we will survey the cultural and ecological history of the Everglades, starting in the early 19th century and culminating in current restoration efforts. A critically endangered ecosystem, the Everglades illustrates the concept of a “wicked environmental problem”: one characterized by high uncertainty and conflict over values. Following our historical survey of the Everglades, we will shift to a project-based investigation of the local and global forces that shape the region. Course materials will be drawn from fiction, art, historical studies, policy documents, and scientific literature. Students should be prepared to work collaboratively to engage a variety of primary sources. 3 hrs. lect./disc. **AMR**, **HIS**, **NOR** *(A. Lloyd, T. Spears)*

AMST 0302 Love, Sex, Race, and Disability (Spring 2018)

In this course we will explore the connections between gender and sexuality, race, and disability. Culture and representation, understandings of diversity and difference, and contexts (political, social, and historical) will provide central areas of study. Comparing and integrating topics and perspectives, we will critically analyze the constructions and politics of identity (and multiple identities) and historical perspectives on gender and sexuality, race, and disability. We also will consider the impact of education and activism, as well as the meanings of intimate relationships across and between genders and sexualities, races, and disabilities. Our work will foster a fundamental reexamination of American life and history through its study of bodies and minds, identities, languages, cultures, citizenship and rights, power and authority, what is a "natural" and "unnatural." This course will draw on diverse sources, including documentary and Hollywood films, poetry and short fiction, academic texts, such as *Freakery*, *Gendering Disability* and *Disability and the Teaching of Writing*, and memoirs, such as Eli Clare's *Exile and Pride*. **AMR**, **NOR**, **SOC** *(S. Burch)*

AMST 0307 Issues in Critical Disability Studies: U.S. and the World (Spring 2018)

Disability as a category and as lived experience plays an important but often overlooked role in national, transnational, and global contexts. In this course we will explore disability’s changing meanings in the United States and around the World. Comparative and transnational approaches will draw our attention to disability’s many meanings across wide-ranging historical, cultural, and geographical settings. Foundational concepts and principles, including ableism and Universal Design, shape our critical inquiry. Key themes frame the course: access, language, power, violence, normalcy, identity, community, institutions, and rights and justice. We will engage with diverse primary sources, from memoirs and documentary films to advertisements, material objects, and oral histories. **AMR**, **CMP**, **HIS**, **NOR**, **SOC** *(S. Burch)*

AMST 0312 Disability in Film and Television (Fall 2017)

Investigating film and television representations of disability and disabled people, we will understand how these reflect prominent cultural ideas across US history. Various functions of disability in film and TV, and how disabled people have used these media to express their own lived experiences, will be considered. Key themes include: access, stereotype, spectacle, community, and activism. Our intersectional study involves, race, ethnicity, gender, sexuality, class, and age. Through readings, screenings, and engaged discussions students will gain insights into ways film and television reflect and shape the understandings of disability in American history and culture. This class includes regular screenings. 3 hrs. lect. **AMR**, **NOR**, **SOC** *(S. Burch)*

AMST 0325 American Misogyny (Spring 2018)

In this course we will explore the place of misogyny in U.S. media and politics. Early topics will include film noir, Cold War gender scapegoating, and lesbian pulp fiction. Subsequent topics will include the backlash against second-wave feminism, the rise of “post-feminism,” and the impact of reality TV and social media on feminist and antifeminist expression. We will conclude by examining how misogyny informs U.S. culture and politics in the Trump era. Throughout the course, we will consider how discourses of misogyny are inflected by white, cisgender, ableist, ageist, and class privilege. 3 hrs. lect. **AMR**, **HIS**, **NOR** *(H. Allen)*

Cross-listed as: GSFS 0325

AMST 0342 Literature of the American South (AL) (Fall 2017)

In William Faulkner's *Absolom, Absolom!* Canadian Shreve McCannon commands his roommate, Mississippian Quentin Compson, "Tell about the South. What's it like there. What do they do there. Why do they live there. Why do they live at all?" Our course will take on writers who want to "tell about the South" in the post-Civil War era and beyond, as they seek to help re-define and revitalize their region. We will focus our regional exploration on the "Southern Renascence," when writers and theorists like the Agrarians re-examined Southern history and reconsidered their role in relation to their regional community. Authors including William Faulkner, Zora Neale Hurston, Robert Penn Warren, Eudora Welty, and Tennessee Williams developed a new awareness of the restrictions of racial and gender roles, an interest in literary experimentation, and an increasingly realistic presentation of social conditions in the south. We will consider the legacy of these writers in later 20th century texts by authors such as Flannery O'Connor, Walker Percy, Alice Walker, Cormac McCarthy, Ernest Gaines, Randall Kenan and even relative newcomers such as Jackson Tippett McCrea. (Not open to students who have taken FYSE 1336) 3 hrs. lect./disc. **AMR**, **LIT**, **NOR** *(D. Evans)*

Cross-listed as: ENAM 0342 *

AMST 0345 Black Lives Matter (Fall 2017)

What political and cultural tactics have black people employed to expose, challenge, and undo state-sanctioned and extrajudicial racial violence against black bodies, and how have those tactics changed over time? In this course we will examine how the emergent #blacklivesmatter movement is distinct from, but in direct conversation with, the long history of movements committed to racial justice in America. We will discuss the discourse of #blacklivesmatter in popular media, and its incorporation of black feminist and queer resistance to social and material structures of power. Interdisciplinary texts may include Marc Lamont Hill’s Nobody: Casualties of America’s War on the Vulnerable, From Ferguson to Flint and Beyond (2016), Dorothy Roberts’ Killing the Black Body (1998), and Ida B. Wells-Barnett’s classic Southern Horrors: Lynch Law in All Its Phases (1892). 3 hr. lect. **AMR**, **HIS**, **NOR**, **SOC** *(J. Finley)*

AMST 0358 Reading, Slavery, and Abolition (Fall 2017)

In this course we will study both black and white writers' psychological responses to, and their verbal onslaughts on, the "peculiar institution" of chattel slavery. We will work chronologically and across genres to understand how and by whom the written word was deployed in pursuit of physical and mental freedom and racial and socioeconomic justice. As the course progresses, we will deepen our study of historical context drawing on the substantial resources of Middlebury's special collections, students will have the opportunity to engage in archival work if they wish. Authors will include Emerson, Douglass, Jacobs, Thoreau, Stowe, Walker, and Garrison. 3 hrs. sem. *(Diversity)/* **AMR**, **HIS**, **LIT**, **NOR** *(W. Nash)*

Cross-listed as: ENAM 0358

AMST 0400 Theory and Method in American Studies (Junior Year) (Fall 2017)

A reading of influential secondary texts that have defined the field of American Studies during the past fifty years. Particular attention will be paid to the methodologies adopted by American Studies scholars, and the relevance these approaches have for the writing of senior essays and theses. (Open to junior American studies majors only.) 3 hrs. lect./disc. *(H. Allen)*

AMST 0408 American Art in Context: Art and Life of Winslow Homer (Fall 2017)

Although generally regarded as a popular painter of American life, Winslow Homer often provides a penetrating and sometimes disturbing view of post-Civil War America. Among the topics to be considered: Homer's paintings of the Civil War; his illustrations of leisure and recreation; and his depictions of women and children in the Gilded Age. During the second half of the course, we will turn our attention to Homer's landscape paintings of the Adirondacks, the Caribbean and the Maine coast, as well as his seascapes of the Gulf Stream and the North Atlantic. 3 hrs. lect./disc. **AMR**, **ART**, **CW** (2 seats), **HIS**, **NOR** *(C. Wilson)*

AMST 0500 Independent Study (Fall 2017, Spring 2018)

Select project advisor prior to registration.

AMST 0705 Senior Research Tutorial (Fall 2017)

This seminar will focus on the development of sophisticated research skills, the sharing with peers of research and writing in progress, and the completion of a substantial research project. Those writing one-credit essays will complete their projects over the course of this tutorial. *(M. Newbury)*

AMST 0710 Honors Thesis (Fall 2017, Spring 2018)

For students who have completed AMST 0705, and qualify to write two-credit interdisciplinary honors thesis. on some aspect of American culture. The thesis may be completed on a fall/winter schedule or a fall/spring schedule. (Select a thesis advisor prior to registration)

↑ Top

Department of Arabic

The Arabic major requires four years of language study or their equivalent. Majors must also choose one disciplinary concentration: Arabic literature, Arabic linguistics, or a well-defined course of study with a focus on the Arab world. Each disciplinary concentration requires the completion of at least three content courses, including one introductory methods course specific to the chosen discipline.Majors are also required to prepare a project or a thesis for their senior capstone experience.

Major in Arabic: (Minimum number of courses: 13, including required senior work)

Students majoring in Arabic must take:

1) Arabic language through ARBC 0302 or the equivalent: ARBC 0101, ARBC 0102, ARBC 0103, ARBC 0201, ARBC 0202, ARBC 0301, ARBC 0302;

2) Two courses in Arabic at the 0400-level, at least one of which is taken at Middlebury Colleges Vermont campus. Arabic 0400-level courses taken at a Middlebury school abroad site require departmental approval of the syllabus and a dossier of all written work (normally consisting of at least two exams and eight typed pages of Arabic);

3) One of the following:

a. ENAM 0205, plus two additional courses in Arabic literature taken at Middlebury Colleges Vermont campus (for students pursuing senior work in literature);

or

b. One of LNGT 0101, LNGT 0102 or LNGT 0109, plus two additional courses in Arabic linguistics taken at Middlebury Colleges Vermont campus (for students pursuing senior work in linguistics);

or

c. Students may structure their own disciplinary focus within the Arabic major in consultation with their major advisor by providing a well-defined course of study that must include (i) one introductory methods course specific to the chosen discipline (in English); and (ii) two disciplinary electives bearing the ARBC prefix (in Arabic or English), taken at Middlebury Colleges Vermont campus.

4) Students must spend at least one semester at a Middlebury school abroad site.The Arabic Department strongly recommends that students spend a full year abroad. Students studying abroad for a full academic year may count at most one course taken abroad towards the disciplinary elective requirements, subject to prior approval of their major advisor and contingent upon submission of the syllabus and a dossier of all written work (normally consisting of at least two exams and six typed pages of Arabic).

A major may count 400-level courses towards the fulfillment of the disciplinary electives once the 400-level language course requirement in #2 is complete.

Senior Work: Majors are required to prepare a one-term senior project (ARBC 0700), or a two-term thesis (ARBC 0700/0701, taken in Fall and Winter or Winter and Spring). Senior projects and theses may be written in English, but must demonstrate significant use of Arabic sources. Senior theses will include a 2000-word summary in Arabic.

Departmental honors are determined by a combination of thesis grade andgrade point average in courses taken at the Arabic Program at Middlebury College, the Middlebury summer Arabic School, and Middlebury Colleges study abroad sites.

Joint Major:Joint majors with other departments must: 1) complete Arabic language coursework through ARBC 0302 or the equivalent prior to the commencement of senior work, 2) take, at Middlebury Colleges Vermont campus, two courses related to Arabic literature, Arabic linguistics, or another well-defined disciplinary focus in consultation with their Arabic advisor, and 3) complete a senior project that explicitly engages the scholarly methodologies of both departments.

Minors in Arabic: The Arabic Department offers two minors.

(a) **The Arabic Minor** requires 1) studying Arabic language through ARBC 0302 or the equivalent; and 2) taking two other courses related to Arab culture (cinema, literature, pop-culture, etc.) or Arabic linguistics. Only one of the two courses on Arab culture or Arabic linguistics may be taken abroad. (See above for guidelines regarding courses taken at schools abroad and at the summer Language Schools.)

(b) **The Minor in Arabic Studies** requires taking five courses with the ARBC prefix, excluding ARBC 0101, 0102, 0103, 0201, 0202, 0301, and 0302.

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Department of Biology

***Requirements for the Biology Major*:** Requirements for the biology major encourage both breadth across the subdisciplines of biology as well as depth in at least one subdiscipline. The introductory sequence includes two courses, BIOL 0140 Ecology and Evolution and BIOL 0145 Cell Biology and Genetics, both of which are designed for students in their first year at the college who are considering a major in the life sciences, or for whom an in-depth coverage of the life sciences is of interest.

Requirements for the twelve course biology major are as follows:

BIOL 0140Ecology and Evolution
BIOL 0145Cell Biology and Genetics
BIOL 0211 Experimental Design and Data Analysis

Two organismal courses from among BIOL 0201 Invertebrate Biology, BIOL 0202 Comparative Vertebrate Biology, BIOL 0203 Biology of Plants, and BIOL 0310 Microbiology.

A college-level chemistry course with laboratory [NOTE: AP credit in chemistry or a bypass examination *cannot* be used to satisfy this requirement].

Six biology electives from the 0200-0701 level, with the following restrictions: (a) at least two electives must include a laboratory section; and(b) no more than one semester of independent research (BIOL 0500, BIOL 0700, or BIOL 0701) may count as elective credit toward the major.

Guidelines and Restrictions Relevant to the Selection of Courses for the Major:
It is expected that the core courses (BIOL 0140 and BIOL 0145)will be completed by the end of the third semester. BIOL 0140 is not open to seniors & second semester juniors in the Fall.

Students with strong high school preparation may take theBIOL 0140or BIOL 0145 placement exam and if successful will be permitted to take 0200 and 0300-level courses.

Except for transfer students, BIOL 0140 and BIOL 0145 must be taken at Middlebury College.

The course in experimental design and data analysis (BIOL 0211) should be taken by the end of the sophomore year.

Departmental courses offered with laboratories must be taken with the laboratory to satisfy major or joint major requirements.

Electives may include only one semester of independent research (BIOL 0500, BIOL 0700, or BIOL 0701), and two winter term courses designated for major credit (not including BIOL 0211).

A maximum of three courses taken off campus may be credited toward completion of the major or joint major. This includes courses taken at the Marine Biological Laboratory at Woods Hole. No BIOL 0500, BIOL 0700, or BIOL 0701 will be granted for independent study projects conducted during off-campus study programs.

Except for transfer students, off-campus biology courses must be beyond the introductory level.

When a course is offered at Middlebury with a lab or prerequisites, an equivalent off-campus course must also include a lab or prerequisites.

Requirements for a Minor in Biology: BIOL 0140 and BIOL 0145, and three elective courses from 0200-, 0300-, and 0400-level courses in the department. One of the electives must be an organismal course (BIOL 0201, 0202, 0203, or 0310), AND one of which must be at the 0300 or 0400 level.

Guidelines and Restrictions for the Minor:
Except for transfer students, BIOL 0140andBIOL 0145 must be taken at Middlebury College.

The three electives need to be related thematically.

When a course is offered at Middlebury with a lab or prerequisites, an equivalent off-campus course must also include a lab or prerequisites.

Transfer credit for a course will be given only after the department chair reviews the course material upon a student's return to campus. (See guidelines for transfer credit.)

Joint Major: The Department of Biology does not offer a joint major other than the joint major in Biology and Environmental Studies described below.

Requirements for the Molecular Biology and Biochemistry Major*:* See the listing for the Program in Molecular Biology and Biochemistry for a description of this major.

Requirements for the Neuroscience Major: See the listing for the Program in Neuroscience for a description of this major.

Requirements for the Joint Major with Environmental Studies: See the listing for the conservation biology focus under the Program in Environmental Studies.

Graduate or Professional Training**:** Students considering graduate or professional school in the life sciences should note that many programs require a year of introductory chemistry, a year of organic chemistry, a year of physics, and a year of calculus for admission. Students are therefore strongly encouraged to meet with their faculty advisors early in their undergraduate career so the advantages of taking additional courses in the natural sciences can be discussed.

Departmental Honors: Students with an average of 3.5 or higher in departmental courses other than BIOL 0500, BIOL 0700, and BIOL 0701 are eligible for departmental honors, for which successful completion of BIOL 0701 is also required (see below). The Biology Department awards two levels of honors: honors and high honors.

Criteria for Honors: Students with an average of 3.5 or higher in departmental courses (other than BIOL 0500, BIOL 0700, and BIOL 0701) and a grade of A- or above on their thesis will be awarded honors.

Criteria for High Honors: High honors will be awarded to students who meet all of the criteria for honors and who, in addition, have completed theses of *exceptionally high quality*. Determination of honors or high honors is based on a formal recommendation from the thesis committee, and requires the approval of the Biology Department faculty.

The thesis process is described in detail in the Student & Faculty Research portion of the departmental website, and all students interested in conducting thesis research should read that section of the website in detail. Normally, research for thesis projects begins during the

first term of a student's senior year (or during the preceding summer). Students interested in field research should talk with a faculty member by winter term of their junior year. All other prospective thesis students should consult with prospective advisors concerning possible thesis projects by spring term of their junior year. Thesis projects must be of at least two terms' duration (one term of BIOL 0500 or BIOL 0700 and one of BIOL 0701) and result in the production of a written thesis, a public presentation of the thesis research, and an oral defense of the thesis before a committee of at least three faculty members, two of whom must be Biologyfaculty.With instructor approval, independent research conducted during the summer may be considered as a substitute for the first term of the project. In such cases, the off-campus work would satisfy the BIOL 0500 or BIOL 0700 prerequisite for enrollment in BIOL 0701, but would not itself be credit-bearing. The thesis grade reflects performance in all aspects of the thesis process. Note that although completion of a thesis is one prerequisite for receiving honors, students may undertake a thesis regardless of whether they meet the other criteria for honors.

***Advanced Placement Credit*:** Middlebury College grants one college credit for a score of 5 on the biology advanced placement exam. However, because the biology department does not offer any introductory course that is the equivalent of an AP biology course, advanced placement credit does not exempt a student from any of the published requirements for the major, minor, or joint majors, nor can it satisfy the college's distribution requirement.Placement exams for BIOL 0140 and 0145 are offered before each semester. Passing these placement exams allows students to enroll in classes for which BIOL 0140 or 0145 is a prerequisite. (NOTE: Students may only take a bypass exam once.)

International Baccalaureate (IB): Students who have or anticipate applying IB credit to completion of the Middlebury College degree and who plan toenroll inBiology courses during their undergraduate career must first take the Biology Department bypass exams (for BIOL 0140 and BIOL 0145) in order to determine proper placement. (NOTE: Students may only take a bypass exam once.)

***Off-Campus Study*:** Students interested in taking biology courses off campus are strongly encouraged to discuss their plans with theiradvisor early in their college careers. Students should see the "Guidelines and Restrictions" section under the requirements heading for the biology majorto learn more about obtaining transfer credit. Students seeking approval for biology courses taken off campus should be prepared, upon their return, to document course content with syllabi and class notes.

BIOL 0140 Ecology and Evolution (Fall 2017, Spring 2018)

In this introduction to ecology and evolutionary biology we will cover the topics of interspecific interactions (competition, predation, mutualism), demography and life-history patterns, succession and disturbance in natural communities, species diversity, stability and complexity, causes of evolutionary change, speciation, phylogenetic reconstruction, and population genetics. The laboratory component will examine lecture topics in detail (such as measuring the evolutionary response of bacteria, adaptations of stream invertebrates to life in moving water, invasive species and their patterns of spread). We will emphasize experimental design, data collection in the field and in the laboratory, data analysis, and writing skills. This course is not open to seniors and second semester juniors in the Fall. 3 hrs. lect./disc./3 hrs. lab **DED**, **SCI** *(Fall 2017: E. Eggleston; Spring 2018: H. Young)*

BIOL 0145 Cell Biology and Genetics (Fall 2017, Spring 2018)

In this introduction to modern cellular, genetic, and molecular biology we will explore life science concepts with an emphasis on their integral nature and evolutionary relationships. Topics covered will include cell membrane structure and function, metabolism, cell motility and division, genome structure and replication, the regulation of gene expression and protein production, genotype to phenotype relationship, and basic principles of inheritance. Major concepts will be illustrated using a broad range of examples from plants, animals, and microorganisms. Current topics in biology will be integrated into the course as they arise. 3 hrs. lect./3 hrs. lab **DED**, **SCI** *(Fall 2017: J. Ward; Spring 2018: C. Combelles)*

BIOL 0201 Invertebrate Biology (Fall 2017)

The study of invertebrate animals, which comprise more than 90 percent of all animal species and represent the most diverse approaches to life on earth. A wide variety of protozoans, cnidarians, echinoderms, mollusks, crustaceans, arachnids and insects are examined. Animals are studied both in the field and the lab.. Emphasis is upon their taxonomy, phylogeny, ecology, behavior, and adaptations to various habitats. . Specialized topics include regeneration, parasitology, agricultural and medical applications, and invertebrates in the arts and literature. Oral and written reports are required. (BIOL 0140) 3 hrs. lect./3 hrs. lab **SCI** *(T. Root)*

BIOL 0202 Comparative Vertebrate Biology (Spring 2018)

This course will explore the evolution of the vertebrate classes and the adaptations that allow them to live in almost every habitat on Earth. We will study the phylogeny, anatomy, physiology, and ecology of the major extinct and extant taxa of vertebrates and discuss how each group solves the problems of finding food, finding mates, and avoiding predators. Laboratory exercises will focus on the comparative anatomy of a cartilaginous fish (the dogfish shark) and a mammal (the cat). Students will learn to identify the anatomical structures of the vertebrate body and observe the evolutionary homologies. Occasional field trips will introduce the local vertebrate fauna in their natural habitat. (BIOL 0140 or BIOL 0145) 3 hrs. lect./3 hrs. lab **SCI** *(M. Spritzer)*

BIOL 0216 Animal Behavior (Spring 2018)

The behavior of animals primarily from an ethological perspective, with respect to genetics, physiology, evolution, and other biological factors. The course follows the history and methods of studying individual and social behaviors like feeding, courtship, mating, parental care, defense, predation, and migration. We examine live animals in the field and lab to illustrate such processes as instinct, learning, and communication. Discussion topics address recent research, and students design their own research projects. Oral, and written reports are required. (BIOL 0140 or BIOL 0145) 2.5 hrs. lect./1 hr. video screen./3 hrs. lab **SCI** *(T. Root)*

BIOL 0280 Immunology (Fall 2017)

In this course we will explore the human immune system and how it works to protect the body from infection. Students will be introduced to the cells and molecules of the immune system and how they work together to protect the host from foreign invaders. We will focus on the cellular and molecular mechanisms of innate immunity before exploring the cellular and genetic principles that underlie the adaptive immune response. Finally, we will investigate how innate and adaptive immunity work together to combat infection and how disease can arise from inadequacies in this coordinated host response. (BIOL 0145) **SCI** *(G. Spatafora)*

BIOL 0304 Aquatic Ecology (Fall 2017)

This field course will introduce students to the freshwater aquatic ecosystems of the northeastern U.S., including lakes, streams, rivers, and wetlands. We will explore the ecological processes that dominate these systems, the organisms that inhabit them, and the ecological techniques central to their study. Field exercises will include trips to many aquatic ecosystems in the region; experience with sampling techniques for measurement of physical, chemical, and biological features; and experimental design for answering questions about the relationships among species and between species and their environment. (BIOL 0140) 3 hrs. lect./3 hrs. lab. **CW** (5 seats), **SCI** *(S. Sheldon)*

BIOL 0305 Developmental Biology (Fall 2017)

Have you ever wondered how an embryo develops from a simple fertilized egg to a complex adult? This course explores this question, examining the preparation and initiation of development (gametogenesis, fertilization, cleavages, and gastrulation), the formation of embryonic structure (morphogenesis), the creation of embryonic pattern (pattern formation), and the control of gene expression during embryogenesis. In lab, students will design and carry out experiments at the cutting edge of developmental biology, incorporating modern cellular, molecular, and genetic techniques with classical embryological approaches. Fundamental mysteries of development will be investigated in model organisms that best illustrate each process. (BIOL 0140 and BIOL 0145) 3 hrs. lect./4 hrs. lab **SCI** *(C. Combelles)*

BIOL 0310 Microbiology (Fall 2017)

The microbiological principles emphasized in this class will provide students with a foundation for advanced study in many areas of contemporary biology. The course will integrate basic and applied aspects of microbiology into a study of the prokaryotic microorganisms. General principles of bacterial cell structure, function, and the role of microorganisms in industry, agriculture, biotechnology, and disease will be discussed. An independent laboratory project will stress basic microbiological techniques as applied to the isolation, characterization, and identification of microorganisms from the natural environment. (BIOL 0140 and BIOL 0145 and CHEM 0203) 3 hrs. lect./4 hrs. lab./1 hr. prelab. **CW** (5 seats), **SCI** *(G. Spatafora)*

BIOL 0314 Molecular Genetics (Spring 2018)

This course will focus on the structure and function of nucleic acids in both prokaryotes and eukaryotes. Lectures will center on molecular mechanisms of mutation, transposition, and recombination, the regulation of gene expression, and gene control in development, immune diversity and carcinogenesis. Readings from the primary literature will complement the textbook and classroom discussions. The laboratory will provide training in both classic and contemporary molecular-genetic techniques including nucleic acid isolation and purification, cloning, electroporation, nick-translation, Southern/Northern blotting, DNA sequencing, PCR and RT-PCR. (BIOL 0140 and BIOL 0145 or waiver) 3 hrs. lect./4 hrs. lab./1 hr. prelab. **SCI** *(G. Spatafora)*

BIOL 0324 Genomics (Spring 2018)

Genomics is a quickly evolving field that analyzes and contextualizes genome sequencing data and high-throughput techniques. Genomics is the study of the nucleic acid content of organisms. In this course students will use national repositories of genomic information, databases, and open-source bioinformatics tools to visualize and manipulate genomic data. We will also explore genomics' larger social context, particularly as it relates to the environment and medical informatics. In the laboratory we will explore and use the methodology used in genomics to develop and interpret large datasets (CHEM 0104 or CHEM 0107 and BIOL 0145 and BIOL0140 by waiver) 3 hrs. lect., 3 hrs. lab **DED**, **SCI** *(J. Ward)*

Cross-listed as: MBBC 0324

BIOL 0365 Molecular Microbial Ecology (Spring 2018)

Molecular microbial ecology (MME) uses leading-edge molecular tools to study the interactions and diversity of microorganisms in the natural environment. MME covers topics ranging from ancient polar microbes, the human microbiome, and possibly life beyond Earth. This course will discuss papers that highlight modern technical approaches and form the current theoretical framework in microbial ecology. The laboratory will examine the structure (who is there) and function (what are they doing) of microbial communities in environmental samples. We will cultivate novel microorganisms and analyze nucleic acids via community fingerprinting, functional gene analysis, and the computational exploration of metagenomic datasets. (BIOL 0140, BIOL 0145 and CHEM 0103 or 0104 or waiver) 3 hrs. lect./3 hrs. lab **SCI** *(E. Eggleston)*

BIOL 0370 Animal Physiology (Fall 2017)

This course examines the body functions of animals and humans using general physiological principles and a comparative approach. Lectures will cover the function of each of the major physiological systems (nervous, endocrine, muscular, etc.) and will describe how animal physiology has been shaped by evolution to allow animals to survive in a wide range of environmental conditions. Lectures will focus mainly on physiological processes occurring at the molecular, cellular, and organismal levels. Occasional journal article discussions will provide case studies of current topics in animal physiology. Laboratory exercises, reports and oral presentations emphasize experimental design, analysis and independent study using various methodological approaches including electrophysiology, neurotransmitter manipulations, nutritional analysis, and exercise physiology. (BIOL 0140 and BIOL 0145). 3 hrs. lect/disc., 3 hrs. lab. **CW** (10 seats), **SCI** *(T. Root)*

BIOL 0450 Topics in Reproductive Medicine (Spring 2018)

In this course we will examine the fundamentals of human reproduction and modern reproductive intervention strategies. Rapid discoveries in medical technologies have allowed us to push the limits of the human body, and we will explore the scientific and medical challenges that surround the control of fertility and infertility, fetal life, birth, and the neonatal period. Through critical review of the primary literature, writing, and informed dialogues, students will gain an understanding of key topics in reproductive medicine. (BIOL 0140, BIOL 0145, and one other 0200 or 0300-level biology course, or by waiver) **SCI** *(C. Combelles)*

BIOL 0500 Independent Study (Fall 2017, Spring 2018)

Fall 2017

Independent Study

In this course students complete individual projects involving laboratory and/or field research or extensive library study on a topic chosen by the student and a faculty advisor. Prior to registering for BIOL 0500, a student must have discussed and agreed upon a project topic with a member of the Biology Department faculty. Additional requirements include participation in weekly meetings with disciplinary sub-groups and attending all Biology Department seminars. This course is not open to seniors; seniors should enroll in BIOL 0700, Senior Independent Study. (Approval required) 3 hrs. disc. *(D. Allen, A. Lloyd, T. Root, S. Sheldon, G. Spatafora, M. Spritzer, S. Trombulak, J. Ward, C. Combelles, H. Young, M. Lapin, E. Eggleston)*

Spring 2018

Independent Study

In this course students complete individual projects involving laboratory and/or field research or extensive library study on a topic chosen by the student and a faculty advisor. Prior to registering for BIOL 0500, a student must have discussed and agreed upon a project topic with a member of the Biology Department faculty. Additional requirements include participation in weekly meetings with disciplinary sub-groups and attending all Biology Department seminars. This course is not open to seniors; seniors should enroll in BIOL 0700, Senior Independent Study. (BIOL 0211, Approval required) 3 hrs. disc. *(D. Allen, C. Combelles, A. Lloyd, T. Root, S. Sheldon, G. Spatafora, M. Spritzer, S. Trombulak, J. Ward, H. Young, M. Lapin, E. Eggleston)*

BIOL 0700 Senior Independent Study (Fall 2017, Spring 2018)

In this course students complete individual projects involving laboratory and/or field research or extensive library study on a topic chosen by the student and a faculty advisor. Prior to registering for BIOL 0700, a student must have discussed and agreed upon a project topic with a member of the Biology Department faculty. Additional requirements include attendance at all Biology Department seminars and participation in any scheduled meetings with disciplinary sub-groups and lab groups. (BIOL 0211. Approval required; open only to seniors) 3 hrs. disc.

BIOL 0701 Senior Thesis (Fall 2017, Spring 2018)

Seniors majoring in Biology who have completed one or more semesters of BIOL 0500 or BIOL 0700 and who plan to complete a thesis should register for BIOL 0701. In this course students will produce a written thesis, deliver a public presentation of the research on which it is based, and present an oral defense of the thesis before a committee of at least three faculty members. Additional requirements include attendance at all Biology Department seminars and participation in any scheduled meetings with disciplinary sub-groups and lab groups. Open to Biology and joint Biology/Environmental Studies majors. (BIOL 0211 and BIOL 0500 or BIOL 0700 or waiver; instructor approval required for all students) 3 hrs. disc

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Department of Chemistry & Biochemistry

I. *Majors*: Students can elect to major in chemistry, biochemistry, environmental chemistry (joint major), or molecular biology and biochemistry.

II. *Course Requirements*:

Chemistry:MATH 0121*, MATH 0122*, PHYS 0109*, PHYS 0110 or PHYS 0111, CHEM 0103*, CHEM 0104 (or CHEM 0107), CHEM 0203 (or CHEM 0241), CHEM 0204 (or CHEM 0242), CHEM 0311, and either CHEM 0351 or CHEM 0355, and twoelectives chosen, with an advisors approval, from 0200-, 0300- or 0400- courses the Chemistry and Biochemistry Department or GEOL 0323. Independent study courses (CHEM 0400, CHEM 0500, CHEM 0700, or CHEM 0701) cannot count as electives.
Honors in Chemistry:MATH 0121*, MATH 0122*, PHYS 0109*, PHYS 0110 or PHYS 0111, CHEM 0103*, CHEM 0104 (or CHEM 0107), CHEM 0203 (or CHEM 0241), CHEM 204 (or CHEM 0242), CHEM 0311, CHEM 0312, CHEM 0351, CHEM 0355, CHEM 0431, CHEM 0400, CHEM 0701.
Biochemistry:MATH 0121*, MATH 0122*, PHYS 0109*, PHYS 0110 or PHYS 0111, CHEM 0103*,CHEM 0104 (or CHEM 0107), CHEM 0203 (or CHEM 0241), CHEM 204 (or CHEM 0242), CHEM 0313, CHEM 0322, and two electives chosen, with an advisors approval, from 0200-,0300- or 0400-level courses in the Chemistry and Biochemistry Department or BIOL 0314. Independent study courses (CHEM 0400, CHEM 0500, CHEM 0700, or CHEM 0701) cannot count as electives.
Honors in Biochemistry:MATH 0121*, MATH 0122*, PHYS 0109*, PHYS 0110 or PHYS 0111, CHEM 0103*, CHEM 0104 (or CHEM 0107), CHEM 0203 (or CHEM 0241), CHEM 204 (or CHEM 0242), CHEM 0311, CHEM 0313, CHEM 0322, CHEM 0355, CHEM 0425, CHEM 0400, CHEM 0701.
Environmental Chemistry: See the listing for the Environmental Chemistry focus under the Program in Environmental Studies. http://www.middlebury.edu/academics/es/requirements

Molecular Biology and Biochemistry: See Program in Molecular Biology and Biochemistry. http://www.middlebury.edu/academics/mbb

*Students may receive credit for courses indicated by an asterisk with a satisfactory score on the advanced placement examination for that subject. Students who have scored a 4 or 5 on the advanced placement examination in chemistry are awarded a course credit for CHEM 0103 and may enroll in CHEM 0107 (strongly encouraged) or CHEM 0104. Students who do not have an AP score of 4 or 5, but have a strong background in chemistry should take the departments online placement examination to determine if they are prepared for CHEM 0104 or CHEM 0107. Those students who achieve a satisfactory score on the placement examination will be encouraged to register for CHEM 0104 or CHEM 0107, but will not receive credit for CHEM 0103.

III. *Independent Research and Senior Thesis Program:* Many students participate in independent research (CHEM 0500 or CHEM 0700) or complete senior thesis projects (CHEM 0400 and CHEM 0701). Students who are interested in completing a senior thesis project should meet with their academic advisor for guidance in seeking a research advisor no later than winter term of their junior year. Although required for departmental honors, students may

also participate the senior thesis program without pursuing honors and the associated coursework.

IV. *Eligibility for Honors in Chemistry or Biochemistry:* Students who successfully complete the honors courseworkincluding the senior thesis programwith a minimum grade point average of 3.20 are awarded departmental honors. High Honors may be awarded at the discretion of the department and the thesis committee to students who demonstrate exceptional achievement in both the thesis program and departmental course work.

V. *Recommended Programs of Study:* Several coursework options for students considering chemistry or biochemistry as a major are shown below. Although students may deviate from these guides, it is strongly recommended that all prospective majors complete CHEM 0104 or CHEM 0107 by the end of their first year and the calculus (MATH 0121 and 0122) and physics (PHYS 0109 and 0110 or 0111) courses by the end of their second year. Completing CHEM 0203 as early as possible provides the maximum flexibility both within the major and for other academic interests, including study abroad.

Chemistry
First Year:
Fall: CHEM 0103, MATH 0121
Spring: CHEM 0104, MATH 0122
OR
Fall: CHEM 0104 or CHEM 0107, MATH 0121
Spring: MATH 0122 (consider CHEM 0203)

Sophomore Year:
Fall: CHEM 0203, PHYS 0109
Spring: CHEM 0204, PHYS 0110 or PHYS 0111

Junior Year:
Fall: CHEM 0311, CHEM 0351*
Spring: *(OR CHEM 0355)

Senior Year:
Fall: elective
Spring: elective

Biochemistry
First Year:
Fall: CHEM 0103, MATH 0121
Spring: CHEM 0104, MATH 0122
OR
Fall: CHEM 0104 or CHEM 0107, MATH 0121
Spring: MATH 0122 (consider CHEM 0203)

Sophomore Year:
Fall: CHEM 0203, PHYS 0109
Spring: CHEM 0204, PHYS 0110 or PHYS 0111

Junior Year:
Fall: CHEM 0322
Spring: CHEM 0313

Senior Year:
Fall: elective
Spring: elective

Chemistry with honors
First Year:
Fall:CHEM 0103, MATH 0121
Spring:CHEM 0104, MATH 0122
OR
Fall: CHEM 0104 or CHEM 0107, MATH 0121
Spring: MATH 0122 (consider CHEM 0203)

Sophomore Year:
Fall:CHEM 0203, PHYS 0109
Spring:CHEM 0204, PHYS 0110 or PHYS 0111

Junior Year:
Fall:CHEM 0311, CHEM 0351
Spring:CHEM 0312, CHEM 0355

Senior Year:
Fall:CHEM 0400, CHEM 0431
Spring:CHEM 0701

Biochemistry with honors
First Year:
Fall:CHEM 0103, MATH 0121
Spring:CHEM 0104, MATH 0122
OR
Fall: CHEM 0104 or CHEM 0107, MATH 0121
Spring: MATH 0122 (consider CHEM 0203)

Sophomore Year:
Fall:CHEM 0203, PHYS 0109
Spring:CHEM 0204, PHYS 0110 or PHYS 0111

Junior Year:
Fall:CHEM 0311, CHEM 0322
Spring:CHEM 0313, CHEM 0355

Senior Year:
Fall:CHEM 0400, CHEM 0425
Spring:CHEM 0701

CHEM 0103 General Chemistry I (Fall 2017, Spring 2018)

Major topics will include atomic theory and atomic structure; chemical bonding; stoichiometry; introduction to chemical thermodynamics. States of matter; solutions and nuclear chemistry. Laboratory work deals with testing of theories by various quantitative methods. Students with strong secondary school preparation are encouraged to consult the department chair for permission to elect CHEM 0104 or CHEM 0107 in place of this course. CHEM 0103 is also an appropriate course for a student with little or no prior preparation in chemistry who would like to learn about basic chemical principles while fulfilling the SCI or DED distribution requirement. 3 hrs. lect., 3 hrs. lab, 1 hr. disc. **DED**, **SCI** *(Fall 2017: J. Byers; Spring 2018: R. Bunt)*

CHEM 0104 General Chemistry II (Fall 2017, Spring 2018)

Major topics include chemical kinetics, chemical equilibrium, acid-base equilibria, chemical thermodynamics, electrochemistry, descriptive inorganic chemistry, and coordination chemistry. Lab work includes inorganic synthesis, qualitative analysis, and quantitative analysis in kinetics, acid-base and redox chemistry. (CHEM 0103 or by waiver) 3 hrs. lect., 3 hrs. lab, 1 hr. disc. **DED**, **SCI** *(Fall 2017: L. Giddings; Spring 2018: J. Larrabee)*

CHEM 0107 Advanced General Chemistry (Fall 2017)

This course is a one-semester alternative to one year of general chemistry (CHEM 0103 and CHEM 0104). It is open to all students who have received a 4 or 5 on the Advanced Placement test in Chemistry. Students who have two or more years of high school chemistry without AP credit may enroll with permission of the instructor. Topics will be drawn from the traditional general chemistry curriculum, but discussed in greater detail with a more thorough mathematical treatment. Special emphasis will be placed on chemical bonding, coordination chemistry, and real world research in chemistry. (AP Chemistry or equivalent.) 3 hrs. lect., 3 hrs. lab, 1 hr dis. **DED**, **SCI** *(S. Choi)*

CHEM 0203 Organic Chemistry I: Structure and Reactivity (Fall 2017, Spring 2018)

This course will provide students with an introduction to the structure and reactivity of organic molecules sufficient to continue directly to study of biochemistry (CHEM 0322). Topics covered will include models of chemical bonding, acid-base relationships, three-dimensional molecular structure (conformations and stereochemistry), reaction mechanisms and energy diagrams, substitution and elimination reactions, carbonyl reactions (additions, reductions, interconversions, and alpha-reactivity), and the fundamentals of biological molecules (carbohydrates, DNA, and RNA). Laboratory experiments will include purification techniques (recrystallization, distillation, extraction, and chromatography) as well as microscale organic reactions that complement the lecture portion of the course. (CHEM 0104 or CHEM 0107) 3 hrs. lect., 3 hrs. lab, 1 hr. prelab. **SCI** *(Fall 2017: L. Repka; Spring 2018: R. Bunt, L. Repka)*

CHEM 0204 Organic Chemistry II: Synthesis and Spectroscopy (Fall 2017, Spring 2018)

In this course we will explore the ways that organic molecules are made and their structures identified. The study of organic reactions will continue from CHEM 0203 with radical reactions, alkene and alkyne additions, aromatic reactions, oxidations and reductions, and additional carbonyl reactions. Emphasis in this course will be placed on using reactions in sequences to synthesize larger and more complex molecules. The theory and practice of mass spectrometry and UV-Vis, IR, and NMR spectroscopy will be studied as a means to elucidate the exact structures of organic molecules. Laboratory experiments will focus on synthetic techniques that complement the lecture portion of the course and the identification of complex unknowns via GC-MS, IR, and NMR. (CHEM 0203) 3 hrs. lect., 3 hrs. lab, 1 hr. prelab. *(Fall 2017: J. Byers; Spring 2018: L. Repka)*

CHEM 0230 Inorganic Chemistry (Spring 2018)

Have you ever wondered how a lithium ion battery or a solar cell works? Do you know why a ruby is red, an emerald is green, a sapphire is blue, but the sapphire in your watch crystal is colorless? What is nanoscience? Why do multivitamin tablets contain iron, zinc, cobalt, and calcium? These questions and many others fall in the realm of inorganic chemistry – the chemistry of materials that do not contain carbon. This course is an introduction to the major subfields of inorganic chemistry including solid state, main group, transition metal, organometallic, and bioinorganic chemistry. The physical and structural properties of these materials will be explored using simple bonding theories and symmetry. The chemical properties of these materials will be investigated using basic kinetic and thermodynamic principles. (CHEM 0104 or 0107) 3 hrs. lect. **SCI** *(J. Larrabee)*

CHEM 0270 Environmental Chemistry & Health (Spring 2018)

In this interdisciplinary course we will integrate organic, physical, and analytical chemistry to understand relationships between the molecular structure of environmental organic contaminants and their behavior in natural and built environments. We will examine human and wildlife exposure to toxins and foundational principles of environmental toxicology and endocrine disruption in order to assess the health implications of environmental pollution. Laboratory projects will familiarize students with methods of monitoring pollution, predicting chemical behavior, and assessing toxicity. (CHEM 0104 or CHEM 0107) 3 hrs. lect., 3 hrs. lab **SCI** *(M. Costanza-Robinson)*

CHEM 0301 Medicinal Chemistry (Fall 2017)

Medicinal chemistry combines organic chemistry with biochemistry, analytical chemistry, physical chemistry, molecular biology, pharmacology, medicine, and related fields both to understand disease and to develop new pharmaceutical treatments (i.e., "drugs"). As chemists we try to correlate molecular structure with biological activity. In this course we will survey the major categories of diseases, drug targets, and drugs using a case-study approach. In addition to one mid-term exam, short oral presentations, and brief written assignments, the course will culminate with small-group based final projects (oral and written) about the design, development, and proposed future directions of pharmaceutical treatments targeting a specific disease. (CHEM 0203 or CHEM 0242) 3 hrs. lect. *(R. Bunt)*

CHEM 0311 Instrumental Analysis (Fall 2017)

This course introduces fundamental concepts of analytical chemistry, instrumental analysis, and scientific writing. Lecture topics include experimental design and quality control; sample collection and preparation; calibration, error, and data analysis; statistics; and the theory and operation of chemical instrumentation. Multi-week laboratory projects provide hands-on experience in qualitative and quantitative analysis using a variety of research-quality instrumentation (e.g., graphite furnace atomic absorption spectroscopy, UV/Vis spectrometry, gas chromatography mass spectrometry, circular dichroism spectroscopy, high pressure liquid chromatography). Writing workshops promote professional scientific writing skills through guided practice in writing analysis, peer review, and revision. (CHEM 0204 or CHEM 0242) 3 hr. lect., 6 hrs. lab. **CW** *(M. Costanza-Robinson, J. Larrabee)*

CHEM 0312 Inorganic and Physical Chemistry Laboratory (Spring 2018)

In this course students will carry out experiments in the field of inorganic and physical chemistry and write journal-style reports based on their results. In the first half of the semester students will conduct a multi-step synthesis and characterization of a Mo-Mo complex with a quadruple bond. Students will learn inert atmosphere synthetic techniques and how to use a glove box. The synthesized Mo-Mo complex will be characterized by UV-Vis, IR, 1H and 31P NMR spectroscopies, and cyclic voltammetry. In the second half of the semester students will conduct two physical chemistry experiments. First students will carry out a kinetic study of the isomerization of the Mo-Mo (alpha to beta or beta to alpha) complex by UV-Vis spectroscopy. Finally, students will obtain the high-resolution IR spectra of acetylene and deuterated acetylene and analyze the rotation-vibration spectra using statistical and quantum mechanics to obtain structural data and interpret the peak intensities. In addition to the laboratory activities, there will be lectures on metal quadruple bonds, principles of UV-Vis , IR, 1H and 31P NMR spectroscopies, cyclic voltammetry, and statistical mechanics. (CHEM 0311, CHEM 0351, and CHEM 0355. CHEM 0355 can be taken concurrently.) 3 hrs. lect. 3 hrs. lab *(S. Choi)*

CHEM 0313 Biochemistry Laboratory (Spring 2018)

Experimental biochemistry emphasizing the isolation, purification and characterization of enzymes and the cloning of genes and expression of recombinant protein. Traditional biochemical techniques such as UV-VIS spectroscopy, gel filtration, ion exchange and affinity chromatography, electrophoresis, and immunoblotting will be used in the investigation of several enzymes. Specific experiments will emphasize enzyme purification, enzyme kinetics, and enzyme characterization by biochemical and immunochemical methods. Major techniques in molecular biology will be introduced through an extended experiment that will include DNA purification, polymerase chain reaction, bacterial transformation, DNA sequencing, and the expression, purification, and characterization of the recombinant protein. Class discussions emphasize the underlying principles of the biochemical and molecular techniques employed in the course, and how these experimental tools are improved for particular applications. Laboratory reports stress experimental design, data presentation, and interpretation of results. (CHEM 0322) 2 hr. lect., 6 hrs. lab. **CW** *(L. Giddings, R. Cluss)*

CHEM 0322 Biochemistry of Macromolecules (Fall 2017, Spring 2018)

This course is an introduction to biochemistry that focuses on the chemical and physical properties of amino acids, proteins, lipids, carbohydrates, and nucleic acids. Specific topics include the structure and function of proteins, enzyme mechanisms and kinetics, how carbohydrates and lipids contribute to vital cellular and organismal functions, and informational biochemistry (DNA, RNA, and specific enzymes and processes leading to the production of regulatory RNA and proteins). Specific topics from the primary literature will be explored to illustrate how particular techniques and experimental approaches are used to gain a new understanding of biochemistry and molecular biology. (CHEM 0203 or CHEM 0242) 3 hrs. lect., 1 hr. disc. *(Fall 2017: R. Cluss; Spring 2018: L. Giddings, R. Cluss)*

CHEM 0351 Quantum Chemistry and Spectroscopy (Fall 2017)

Quantum theory is developed and applied to atomic structure and molecular bonding. Spectroscopy is examined as an application of quantum theory. (CHEM 0204 or CHEM 0241, MATH 0122 and PHYS 0110, or by waiver) 3 hrs. lect. *(S. Choi)*

CHEM 0355 Thermodynamics and Kinetics for Chemical and Biological Sciences (Spring 2018)

In this course students will learn the central ideas that frame thermodynamics and kinetics. The application of these ideas to chemical, biological, and the environmental processes will be covered using examples such as refrigerators, heat pumps, fuel cells, bioenergetics, lipid membranes, and catalysts (including enzymes). (PHYS 0109 or PHYS 0110 and MATH 0122 and CHEM 0204 or CHEM 0242) 3 hrs lect., 1 hr disc. *(S. Choi)*

CHEM 0400 Seminar in Chemical Research (Fall 2017)

This seminar provides students with experiences to support the preparation of a senior thesis. As the course involves participation in a mentored laboratory project and the intent to complete a senior thesis, students must make arrangements to work with a faculty advisor prior to gaining approval for course registration. The classroom portion of this seminar focuses on reading the scientific literature, giving effective oral presentations, and writing the thesis introduction. Particular emphasis will be given to computer and technology issues related to oral and written presentations. Participation will normally be followed by registration for CHEM 0500 or CHEM 0700 (winter term and spring). (Senior standing; Approval only) 2 hrs. sem., 12 hrs. lab. *(R. Cluss)*

CHEM 0425 Biochemistry of Metabolism (Fall 2017)

A living organism requires thousands of coordinated individual chemical reactions for life. In this course we will survey the major integrated metabolic pathways of living cells and whole organisms, with particular attention to enzyme mechanisms, as well as the regulation, and integration of metabolism from the molecular to the whole organism level. The synthesis and degradation of carbohydrates, amino acids, lipids, and nucleotides are investigated, along with the mechanisms of energy flow and cell-to-cell communication. While common metabolic processes are emphasized, unique aspects of metabolism that permit cells to function in unusual niches will also be considered. Mechanistic and regulatory aspects of metabolic processes will be reinforced through an investigation of inborn errors and organic defects that lead to disease. (CHEM 0322) 3 hrs. lect., 1 hr. disc. *(L. Giddings)*

CHEM 0431 Advanced Inorganic Chemistry (Fall 2017)

Atomic structure, bonding theories, and properties applicable to inorganic and organometallic compounds will be developed in depth. Specific topics will include valence bond theory, molecular orbital theory, ligand field theory, applications of group theory, and reaction mechanisms. (CHEM 0351) 3 hrs. lect. *(J. Larrabee)*

CHEM 0500 Independent Study Project (Fall 2017, Spring 2018)

Individual study for qualified students. (Approval required)

CHEM 0700 Senior Research (Fall 2017, Spring 2018)

In this course students complete individual projects involving laboratory research on a topic chosen by the student and a faculty advisor. Prior to registering for CHEM 0700, a student must have discussed and agreed upon a project topic with a faculty member in the Chemistry and Biochemistry Department. Attendance at all Chemistry and Biochemistry Department seminars is expected. (Approval required; open only to seniors)

CHEM 0701 Senior Thesis (Fall 2017, Spring 2018)

Students who have initiated research projects in CHEM 0400 and who plan to complete a senior thesis should register for CHEM 0701. Students are required to write a thesis, give a public presentation, and defend their thesis before a committee of at least three faculty members. The final grade will be determined by the department. Attendance at all Chemistry and Biochemistry Department seminars is expected. (CHEM 0400; approval required)

↑ Top

Greenberg-Starr Department of Chinese Language & Literature

Full Major:
I. Required Courses:

- CHNS 0101 through CHNS 0302 (or equivalent)
- Four additional courses from among: CHNS 0219, CHNS 0220, CHNS/FMMC 0250, CHNS 0270, CHNS 0325, CHNS 0331 (formally CHNS 0330), CHNS 0340, CHNS 0350, CHNS 0370 (At least one of the four must be in pre-modern literature and at least one must be in modern literature or culture. At least one of the four must be at 0300 level course in literature in translation, which ideally should be done before the thesis is completed)
- CHNS 0411 (The equivalent may be taken during study abroad)
- CHNS 0425, CHNS 0426, or CHNS 0412 (the equivalent to CHNS 0412 may be taken at the Middlebury Chinese School, or during study abroad)
- CHNS 0475
- Either CHNS 0700 or CHNS 0701 and CHNS 0702

II. **Senior Work**:
Full majors in Chinese are required to complete either CHNS 0701 and CHNS 0702 (Senior Honors Thesis) or CHNS 0700 (Senior Essay or Translation Project). CHNS 0701 and CHNS 0702 is a one-semester plus J-term sequence that should normally be taken during the fall and J-term. CHNS 0700 is a one-semester course that may be taken during the fall or winter. The Chinese department discourages students from postponing completion of senior work until the final semester of full-time study.
Joint majors in Chinese are encouraged but not required to do a senior thesis (CHNS 0701 and CHNS 0702) or project (CHNS 0700). A joint thesis or project should, when feasible, combine the two fields of study of the joint major.
All senior work, whether CHNS 0700 or CHNS 0701 and CHNS 0702, must include a major focus on work with primary sources in Chinese. All senior work should focus on Chinese literature; qualified students may petition the Chair for permission to do senior work on other aspects of Chinese culture (e.g., film or linguistics).
Senior Honors Thesis: To be eligible for the CHNS 0701 and CHNS 0702 Senior Honors Thesis, students majoring in Chinese (full, double or joint) must have completed language study through at least CHNS 0302 (or equivalent), taken at least two Chinese literature/culture courses, and maintained an average of B+ or better in Chinese department courses. Complete guidelines for the completion of the CHNS 0701 and CHNS 0702 thesis (and the CHNS 0700 project) are available from the Chinese Department.
Departmental Honors: Both full and joint majors may qualify for honors. Eligibility for departmental honors in Chinese requires completion of a senior honors thesis graded B+ or better and a grade point average of B+ (3.35) or higher in all courses taken that satisfy or could potentially satisfy the requirements for the major as listed above (full) and below (joint), including courses taken in the summer in the Chinese School and/or during study abroad. Only courses that satisfy or could potentially satisfy major requirements count toward honors (i.e., courses taken abroad that do not fall into this category do not count) and all such courses count (e.g., if more than four courses toward major requirement {b} are taken, all count). The

department may award honors for completion of an exceptionally impressive senior essay or translation project that is graded A if the student has an average of B+ or higher in all qualifying courses (as defined above). High honors will be awarded for a grade point average of 3.5 or higher in all qualifying courses (as define above) and a senior thesis of A- or better. Highest honors are reserved for students who earn a grade of A on the senior thesis and who have an average of 3.75 or higher in all qualifying courses (as defined above).

Joint Major:
I. Required Courses:

- CHNS 0101 through CHNS 0302 (or equivalent);
- Either CHNS 0411 (the equivalent may be taken in the summer at the Middlebury Chinese School or, with prior approval, during study abroad) or CHNS 0425;
- Four additional courses from among: CHNS 0219, CHNS 0220, CHNS/FMMC 0250, CHNS 0270, CHNS 0325, CHNS 0331 (formally CHNS 0330), CHNS 0340, CHNS 0370, CHNS 0412, CHNS 0426, CHNS 0475, at least one of which must be at the 0300or 0400 level.

Minor:
I. Required Courses:

- Four courses from among CHNS 0101 or CHNS 0102 (not both), CHNS 0103, CHNS 0201, CHNS 0202, CHNS 0301, CHNS 0302, CHNS 0400, CHNS 0411, CHNS 0412, CHNS 0425, CHNS 0426, and CHNS 0475 (in this way, all students increase their language proficiency, regardless of the level at which they start their study).
- Plus three courses from among CHNS 0219, CHNS 0220, CHNS 0250, CHNS 0270, CHNS 0325, CHNS 0331 (formally CHNS 0330), CHNS 0340, CHNS 0350, CHNS 0370, CHNS 0411, CHNS 0412, CHNS 0425, CHNS 0426, and CHNS 0475. One course must be in literature in either Chinese or English (the following are literature courses: CHNS 0219, CHNS 0220, CHNS 0325, CHNS 0331 (formally CHNS 0330), CHNS 0340, CHNS 0370, CHNS 0412, and CHNS 0475).
- A single course may be counted toward only one category.
- The equivalent of CHNS 0411 and/or CHNS 0412 may be taken abroad. A "one-on-one" course in literature or culture taken abroad may count toward the second category if approved by the Department Chair before study abroad. No other courses taken abroad may be counted toward the second category.

International and Global Studies Major with Chinese Language: Along with other required courses and senior work as described in the International and Global Studies major section, the Chinese language component of an IGS major requires completion of the following: 1) completion of CHNS 0202 or the equivalent (students are strongly encouraged to complete CHNS 0302 or the equivalent before study abroad, preferably in the summer Chinese School); 2) one semester at one of the three C.V. Starr-Middlebury College Schools in China; 3) upon return from China, any two of the following: CHNS 0411, 0412, 0425, 0426, or 0475.

To specialize in the Chinese Literature/Culture discipline within the International and Global Studies major (an option only for students who will graduate in 2015 or 2016)students must take: any five of the following: CHNS 0219, CHNS 0220, CHNS/FMMC 0250, CHNS/LNGT 0270, CHNS 0325, CHNS 0331 (formally CHNS 0330), CHNS 0340, CHNS 0350, CHNS 0370, CHNS 0412, CHNS 0475 (one literature course taken during study abroad may be counted toward this requirement).

CHNS 0101 Beginning Chinese (Fall 2017)

This course is an introduction to Mandarin (guoyu or putonghua). The course begins with simple words and phrases, the pronunciation and cadences of Mandarin, romanization, Chinese characters, and simple vocabulary items, all taught in the context of practical communication. Sentence patterns and other fundamentals of speaking, reading, and writing will be taught, including both traditional characters (used everywhere before the 1950s and still used in Taiwan and Hong Kong) and simplified characters (used in China). Students should have achieved active command of more than 600 Chinese characters and more than 800 compounds by the end of the sequence CHNS 0101, CHNS 0102, and CHNS 0103. 5 hrs. lect., 2 hrs. drill **LNG** *(H. Du, K. Wang)*

CHNS 0103 Beginning Chinese (Spring 2018)

This course is a continuation of the fall and winter terms with accelerated introduction of vocabulary, grammar, and sentence patterns designed to facilitate speaking and reading. Toward the end of this semester students will read *Huarshang de meiren* (*Lady in the Painting*), a short book written entirely in Chinese. (CHNS 0102 or equivalent) 5 hrs. lect., 2 hrs. drill **LNG** *(H. Du, K. Wang)*

CHNS 0201 Intermediate Chinese (Fall 2017)

This course is designed to enable the student to converse in everyday Chinese and to read simple texts in Chinese (both traditional and simplified characters). Discussion of assigned readings will be conducted primarily in Chinese. Familiarity with the vocabulary and grammar introduced in CHNS 0101, CHNS 0102, and CHNS 0103 is assumed. Grammatical explanations, written exercises, dictation quizzes, sentence patterns, oral drill, and CD's will accompany assignments. By the completion of CHNS 0202, which follows CHNS 0201 directly, students should be able to read and write approximately 1,200 characters. (CHNS 0103 or equivalent) 5 hrs. lect., 1 hr. drill **LNG** *(C. Wiebe)*

CHNS 0202 Intermediate Chinese (Spring 2018)

This course is a continuation of the first term's work, with the class conducted primarily in Chinese. (CHNS 0201) 5 hrs. lect., 1 hr. drill **LNG** *(C. Wiebe, D. Liu)*

CHNS 0219 The Chinese Literary Tradition (in translation) (Fall 2017)

This course, an introduction to the works of literature that formed the basis of traditional Chinese culture, is a discussion-based seminar. It focuses first on texts written in classical Chinese from the earliest times up through the Song dynasty, including selections from early poetry and history, Daoist classics, stories of the strange, and Tang Dynasty poetry by Wang Wei, Li Bai and Du Fu. These texts shaped the traditional Chinese understanding of the world, and provided models of what was perceived to be powerful, beautiful language. In the second part of the course we will explore narratives written in the vernacular language, focusing on the literary significance and aesthetic value of drama, stories and novels long treasured by the Chinese. Students will gain a better understanding of traditional Chinese literary values, as well as Chinese society and worldviews. This class is not intended for native Chinese students who have studied Chinese literature in high school classes in China. (No background in Chinese culture or language needed.) 3 hrs. lect./disc. **AAL**, **CW**, **LIT**, **NOA** *(C. Wiebe)*

CHNS 0220 Modern China through Literature (in translation) (Fall 2017)

This course, taught in English, is a discussion-based seminar on some of the most significant works of short fiction, novellas, and novels that tell the story of China and the Chinese from the end of the Qing dynasty to the present. Students will gain a better understanding of the history of modern China by studying the works of literature that inspired readers and provoked debate during one hundred years of social reform, revolution, war, civil war, reconstruction, cultural revolution, cultural revival, and economic growth. Our reading will include work by authors such as Lu Xun (*Diary of a Madman*, 1918), Zhang Ailing (*Love in a Fallen City*, 1944), Ah Cheng (*The Chess King*, 1984), Yu Hua (*To Live*, 1993), and, from Taiwan, Zhu Tianwen (*Notes of a Desolate Man*, 1999). We will consider the mainstream (socially engaged realism), the avant-garde (varieties of modernism), and popular genres (romance and martial arts), and we will look for answers to the following questions: what has been the place of fiction in China in the modern era and what vision of modern China do we find in its fiction? (No prerequisites) 3 hrs. lect./disc. **AAL**, **LIT**, **NOA** *(J. Chen)*

CHNS 0250 Chinese Cinema (Spring 2018)

This course, taught in English, surveys the history of movies in China since the 1930s and also offers an in-depth look at the work of: China's fifth-generation directors of the 1980s and their successors up to the present; Taiwan's new wave; and Hong Kong popular cinema, including martial arts film. Our focus is the screening and discussion of films such as *The Goddess* (a 1934 silent classic), *Stage Sisters* (1965; directed by the influential Xie Jin), the controversial *Yellow Earth* (1984), *In the Heat of the Sun* (a 1994 break with the conventional representation of the Cultural Revolution), Yang Dechang's masterpiece *A One and a Two* (2000), and *Still Life* (Jia Zhangke's 2006 meditation on displacement near the Three Gorges Dam). The course is designed to help students understand the place of cinema in Chinese culture and develop the analytical tools necessary for the informed viewing and study of Chinese film. We will look at everything from art film, to underground film, to recent box office hits. (No prerequisites) One evening film screening per week. 3 hrs. lect./disc. **AAL**, **ART**, **NOA** *(J. Chen)*

CHNS 0270 Chinese Sociolinguistics (taught in English) (Spring 2018)

Sociolinguistics is mainly concerned with the interaction of language and society. The language situation in China is unique both in the modern world and in human history. We will gain a good understanding of sociolinguistics as a scientific field of inquiry through exploring the Chinese situation in this course. Some of the questions we will ask are: What is Mandarin (Modern Standard) Chinese? Who are "native speakers" of Mandarin? Are most Chinese people monolingual (speaking only one language) or bilingual (speaking two languages) or even multilingual? How many "dialects" are there in China? What is the difference between a "language" and a "dialect"? Are Chinese characters "ideographs", i.e., "pictures" that directly represent meaning and have nothing to do with sound? Why has the pinyin romanization system officially adopted in the 1950s never supplanted the Chinese characters? Why are there traditional and simplified characters? We will also explore topics such as power, register, verbal courtesy, gender and language use. Students are encouraged to compare the Chinese situation with societies that they are familiar with. (One semester of Chinese language study or by waiver) **AAL**, **NOA**, **SOC** *(H. Du)*

Cross-listed as: LNGT 0270

CHNS 0301 Advanced Chinese (Modern Chinese) (Fall 2017)

This course aims at further development of overall language proficiency through extensive reading of selected texts representing a wide variety of subjects and styles. Classes will be conducted entirely in Chinese except for occasional recourse to English by the instructor to provide a quick solution to problems of definition. The main text will be *All Things Considered* with supplementary readings selected to help students both continue to work toward competence in conversational Chinese and also begin to master a more sophisticated register of language. 4 hrs. lect. **LNG** *(K. Wang)*

CHNS 0302 Advanced Chinese (Modern Chinese) (Spring 2018)

This course is a continuation of CHNS 0301 with continued practice in conversational Chinese and a greater emphasis on reading works of a literary nature. (CHNS 0301 or equivalent) 4 hrs. lect. **LNG** *(K. Wang)*

CHNS 0331 Clouds and Rain: Love and Sexuality in Traditional Chinese Literature (in translation) (Spring 2018)

This seminar explores a spectrum of traditional attitudes toward romantic love, sexualities, men and women seen through the prism of classical Chinese literature. Fiction and drama will be the main focus with due attention to poetry. Texts to be analyzed include, e.g., pre-6th-century B.C. and subsequent poems; 3rd and 4th-century and later stories of strange romances; the remarkable 7th-century tale of the Dwelling of Playful Goddesses and early 9th-century love story of “Yingying”; the marvelous late 16th-century romantic drama, the Peony Pavilion; the hilarious late 17th-century erotic novella, the Carnal Prayer Mat; and selected chapters from novelistic masterworks such as the late 16th-century and early 17th-century, Jin Ping Mei, and the 18th-century, The Story of the Stone (also known as Dream of the Red Chamber). 3 hrs. lect./disc. **AAL**, **CW** (5 seats), **LIT**, **NOA** *(W. Xu)*

Cross-listed as: GSFS 0331

CHNS 0400 Advanced Readings, Conversation, and Writing (Modern Chinese) (in Chinese) (Fall 2017)

This course is designed to improve students' competency in highly pragmatic Chinese, spoken and written. Readings and discussion will cover a wide variety of contemporary materials with an emphasis on linguistic preparation for study in China. (CHNS 0302 or equivalent) 3 hrs. lect. **LNG** *(J. Chen)*

CHNS 0411 Classical Chinese I (in Chinese) (Fall 2017)

This course is an introduction to wenyan, the written language of traditional China. In this course we will emphasize comprehension of the literal and metaphorical meanings of short *wenyan* texts. Our approach will include grammatical analysis and *baihua* translation (i.e., from the Classical Chinese into modern Chinese); discussion will be conducted entirely in *baihua*. This course begins the two-semester sequence of Classical Chinese, which not only introduces students to *wenyan* but also provides a vital learning experience for any student seeking to attain a high level of linguistic and cultural proficiency in Chinese, including modern written discourse. (CHNS 0302 or the equivalent) 3 hrs. lect. **LNG** *(W. Xu)*

CHNS 0412 Classical Chinese II (in Chinese) (Spring 2018)

A continuation of CHNS 0411. In this course students will read a wide selection of *wenyan* texts that sample the classics of ancient Chinese thought, including *Confucius*' *Analects*, the Daoist texts *Laozi* and *Zhuangzi*, Mohist arguments against war, Sunzi's *The Art of War*, and Legalist writings on law. Students will also learn to punctuate *wenyan* texts (which were originally unpunctuated) and compose sentences or short paragraphs in *wenyan*. All class discussion will be conducted in modern Chinese. (CHNS 0411 or the equivalent) 3 hrs. lect. **LNG** *(W. Xu)*

CHNS 0425 Contemporary Social Issues in China: Advanced Readings (in Chinese) (Fall 2017)

A survey of materials written in modern expository Chinese (academic, journalistic and polemical) that focus on the cultural, political, economic, and social issues of contemporary China. This advanced readings course is designed primarily for seniors who have already spent a semester or more studying and living in China or Taiwan. Emphasis will be given to further developing students' ability to read, analyze, and discuss complex issues in Mandarin while also advancing proficiency in writing and in oral comprehension. Oral reports and written compositions will be integral to the course's requirements. (Approval Required) 3 hrs. lect. **AAL**, **LNG**, **NOA** *(H. Du)*

CHNS 0426 Politics and Business in China: Advanced Readings and Discussion (in Chinese) (Spring 2018)

The capstone course for those students who have attained a high level of Chinese language proficiency. The goal of this course is to help students improve their ability to read, write, and talk about politics and business in China. Most of this course will focus on recent and current debate and discussion in China over domestic political programs and policies, international relations, and business trends. Discussion will also touch upon the political and economic history of the People's Republic of China and Taiwan. We will read articles intended for popular audiences in the Chinese-speaking world. 3 hrs. lect. (CHNS 0425 or CHNS 0411 or study abroad in China) **AAL**, **LNG**, **NOA** *(D. Liu)*

CHNS 0475 Senior Seminar on Modern Chinese Literature (in Chinese) (Spring 2018)

A capstone course for all Chinese majors and for others who have attained a high level of Chinese language proficiency. Students will read and critique works by major Chinese fiction writers (and sometimes playwrights) and may also see and discuss a film or films from mainland China, Hong Kong, and/or Taiwan. All reading, discussion, and critical writing will be in Chinese. (CHNS 0412 or CHNS 0425) 3 hrs. lect. **AAL**, **LIT**, **LNG**, **NOA** *(J. Chen)*

CHNS 0500 Senior Essay (Fall 2017, Spring 2018)

(Approval Required)

CHNS 0700 Senior Thesis (Fall 2017, Spring 2018)

(Approval required)

CHNS 0701 Senior Thesis Proposal (Fall 2017)

(Approval Required)

↑ Top

Eve Adler Department of Classics and Program in Classical Studies

Required for the major in Classics:
A. Ten courses in two languages: Greek and Latin (normally six in one language and four in the other) including one senior seminar (CLAS 0420).
B. CLAS 0150 Ancient Epic Poetry
C. Two additional courses in classics in translation, one from each of the following categories:
1. CLAS/HIST 0131 Archaic and Classical Greece or CLAS 0151 Introduction to Ancient Greek Literature or CLAS 0152 Greek Tragedy or CLAS 0190 Greek and Roman Comedy or CLAS/PHIL 0275 Greek Philosophy: The Problem of Socrates
2. CLAS/HIST 0132 History of Rome or CLAS 0140 Augustus and the World of Rome or CLAS 0143 The Rise and Fall of the Roman Republic or CLAS 0144 Literature of the Roman Empire or CLAS 0190 Greek and Roman Comedy or CLAS/PHIL 0276 Roman Philosophy
D. CLAS 0701 History of Classical Literature: General Examination for Classics/Classical Studies Majors
Optional: CLAS 0700 Senior Essay (fall/winter or winter/spring), CLAS 0505 Independent Senior Project (fall or spring). (Note: Students who wish to do an optional senior essay or independent senior project must secure the sponsorship of a member of the classics department in the semester before the essay or project is to be undertaken.)
Honors: B+ average or better in courses taken for the major (excluding senior work). B+ or better in the General Examination (CLAS 0701) and in the Senior Seminar (CLAS 0420). (Note: A student who does an optional senior essay or independent senior project may arrange with the chair, in the semester prior to undertaking the project, to offer that grade in lieu of the grade for CLAS 0420 for the calculation of departmental honors.)
Joint Major: Students interested in a joint major in Classics and another discipline should consult the chair. The joint major in Classics typically requires ten courses in Greek and Latin (normally six in one language and four in the other); CLAS 0701, and senior work that combines Classics with the other major.

Required for the Minor in Classics: The minor in classics may be configured in one of the following four ways:
1. *Latin CLLA*: Five courses in Latin
2. *Greek CLGR*: Five courses in Greek
3. *Classical Civilization CLCC:* Five courses, as follows: three or more courses chosen from CLAS/HIST 0131, CLAS/HIST 0132, CLAS 0140, CLAS 0143, CLAS 0144, CLAS 0149, CLAS0150, CLAS 0151, CLAS 0152, CLAS 0190, CLAS/LITP 0230, INTD 0250, CLAS/RELI 0262, CLAS/PHIL 0275, CLAS/PHIL 0276, CLAS/HIST 0331, CLAS/HIST 0332, or CLAS/HIST 0337; and CLAS 0420 or CLAS 0450 (or both).
4. *Classical Language and Civilization CLCL:* Five courses, as follows: two or more courses in Latin or Greek; one or more courses chosen from CLAS/HIST 0131, CLAS/HIST 0132, CLAS 0140, CLAS 0143, CLAS 0144, CLAS 0149, CLAS/CMLT 0150, CLAS 0151, CLAS 0152, CLAS/CMLT 0190, CLAS/LITP 0230, CLAS/RELI 0262, INTD 0250, CLAS/PHIL 0275 or CLAS 0276; and one or more courses chosen from CLAS/HIST 0331, CLAS/HIST 0332, CLAS/HIST 0337, CLAS 0420, or CLAS/CMLT 0450.
AP credit policy: One course credit toward graduation, not toward the major or minor, will be granted for one AP exam in Latin under the following conditions: a) The student has received a

grade of 4 or 5 on the AP exam, and b) The student has completed an advanced course (LATN 0201 or above) in Latin at Middlebury with a grade of B+ or above. (Note: No more than one course credit will be granted, whether the student presents one or two AP exams.)
Study Abroad Guidelines: Study abroad in the Mediterranean can enrich our majors' experience of the ancient world, because it affords them the opportunity to see the places that they have been learning about in the classroom. Students also find it stimulating to be surrounded by people with similar interests from other institutions. Thus, while our curriculum does not in any way necessitate study abroad, the faculty is happy to work with students who wish to pursue it as part of their Middlebury degree in classics or classical studies.
For those students who want to go abroad, we strongly recommend a semester rather than a year. The three programs we endorse are the ICCS (the Inter-Collegiate Consortium for Classical Studies in Rome), CYA (College Year in Athens), and Arcadia (also in Athens), all of which offer semester-long programs. Admission to the ICCS in particular, however, is highly competitive, and students may have a compelling academic rationale for studying elsewhere. Accordingly, we have also approved students who wished to study for a semester at foreign universities with strong classics departments. These have included Trinity College Dublin, the University of Edinburgh, Cambridge University, and the University of Vienna. For some students, a rewarding alternative to study abroad during the academic year has been participation in a summertime archaeological excavation.
We discourage students from going abroad before they have had at least three semesters of whichever ancient language(s) they are learning. As part of their program of study abroad, students normally take at least one course in each ancient language of study, and select additional courses that are appropriate substitutes for courses in the major. In order to be fully prepared for senior work, however, students will need to have completed a significant portion of the courses required for the major, in particular CLAS 0150, before going abroad.
Generally speaking, we are as flexible as we can be in helping majors to identify courses in programs abroad that allow them to stay in step with their cohort in Middlebury and to be prepared for senior work. Unless we are familiar with the institution, the instruction, and the content of the courses, we rarely grant credit to non-majors for classics courses taken away from Middlebury. In all cases (majors, non-majors, potential majors, and minors), students must consult with a member of the classics department before leaving Middlebury to plan and receive approval for work done at other institutions.

Required for the major in Classical Studies (CLST):

A. The following:

1. CLAS/CMLT 0150 Ancient Epic Poetry

2. CLAS/HIST 0131 Archaic and Classical Greece or CLAS 0151 Introduction to Ancient Greek Literature or CLAS 0152 Greek Tragedy or CLAS/CMLT 0190 Greek and Roman Comedy or CLAS/PHIL 0275 Greek Philosophy: The Problem of Socrates

3. CLAS/HIST 0132 History of Rome or CLAS 0140 Augustus and the World of Rome or CLAS 0143 Texts & Contexts in Republican Rome or CLAS 0144 Literature of the Roman Empire or CLAS 0190 Greek and Roman Comedy or CLAS/PHIL 0276 Roman Philosophy

B. Three additional courses in Classical Studies chosen from the following:

CLAS/HIST 0131 Archaic and Classical Greece

CLAS/HIST 0132 History of Rome

CLAS 0140 Augustus and the World of Rome

CLAS 0143 The Rise and Fall of the Roman Republic

CLAS 0144 Literature of the Roman Empire

CLAS 0149 Rhetoric and Politics from Ancient Greece and Rome to the Present

CLAS 0151 Introduction to Ancient Greek Literature

CLAS 0152 Greek Tragedy

CLAS/CMLT 0190 Greek and Roman Comedy

CLAS/LITP 0230 Myth and Contemporary Experience

CLAS/HARC 0234 Ancient Roman City: Pompeii and BeyondCLAS/HARC 0236 Cities of Vesuvius

CLAS/PHIL 0275 Greek Philosophy: The Problem of Socrates

CLAS/PHIL 0276 Roman Philosophy

CLAS/HIST 0331 Sparta and Athens

CLAS/HIST 0332 Roman Law

CLAS/HIST 0337 From Alexander to Rome

HARC 0213 Roman Art and Architecture

HARC 0221 Greek Art and Archaeology

HARC 0223 The Classical Tradition in Architecture: A History

HARC 0312 Of Gods, Mortals, and Myths: Greek and Roman Painting

HARC 0320 Hands-on Archaeology: Theory and Practice

CLAS/THEA 0250 Greek Drama in Performance

MATH 0261 History of Mathematics

PHIL 0201 Ancient Greek Philosophy

PHIL 0302 Philosophy of Plato

PHIL 0303 Philosophy of Aristotle

RELI 0381/CLAS 0308 Seminar in the New Testament

PSCI 0101 Introduction to Political Science

PSCI 0317 Ancient and Medieval Political Philosophy

PSCI 0409 Seminar in Political Philosophy

RELI/CLAS 0162 The Formation of Judaism in Antiquity

RELI 0287 Greco-Roman Religions

RELI 0387 Seminar on the Religions of Rome

C. Four courses in Greek or four courses in Latin chosen from:

GREK 0101 Beginning Greek I

GREK 0102 Beginning Greek II

GREK 0201 Intermediate Greek: Prose

GREK 0202 Intermediate Greek: Poetry

GREK 0301 Readings in Greek Literature I

GREK 0302 Readings in Greek Literature II

GREK 0401 Advanced Readings in Greek Literature I

GREK 0402 Advanced Readings in Greek Literature II

LATN 0101 Beginning Latin I

LATN 0102 Beginning Latin II

LATN 0110 Introduction to College Latin

LATN 0201 Intermediate Latin: Prose

LATN 0202 Intermediate Latin: Poetry

LATN 0301 Readings in Latin Literature I

LATN 0302 Readings in Latin Literature II

LATN 0401 Advanced Readings in Latin I

LATN 0402 Advanced Readings in Latin II

D. CLAS 0420 Seminar in Classical Literature

E. CLAS 0701 History of Classical Literature: General Examination for Classics/Classical Studies Majors

Optional: CLAS 0700 Senior Essay (fall/ winter/spring); CLAS 0500 Independent Senior Project (fall/winter/spring). (*Note*: Students who wish to do an optional senior essay or independent senior project must secure the sponsorship of a member of the classics department in the semester before the essay or project is to be undertaken.)

For complete descriptions of the courses listed above, see listings under the appropriate departments.

Honors: B+ average or better in courses taken for the major (excluding senior work). B+ or better in the General Examination (CLAS 0701) and in the Senior Seminar (CLAS 0420). (Note: A student who does an optional senior essay or independent senior project may arrange with

the chair, in the semester prior to undertaking the project, to offer that grade in lieu of the grade for CLAS 0420 for the calculation of departmental honors.)

Joint Major: Students interested in a joint major in Classical Studies and another discipline should consult the chair. The joint major in Classical Studies typically requires four semesters of either Greek or Latin; CLAS 0150; one course from section A2 and one course from A3 under the requirements for the major; CLAS 0701, and senior work that combines Classical Studies with the other major.

CLAS 0131 Archaic and Classical Greece (Fall 2017)

A survey of Greek history from Homer to the Hellenistic period, based primarily on a close reading of ancient sources in translation. The course covers the emergence of the polis in the Dark Age, colonization and tyranny, the birth of democracy, the Persian Wars, the interdependence of democracy and Athenian imperialism, the Peloponnesian War, and the rise of Macedon. Authors read include Herodotus, Thucydides, Aristophanes, Plutarch, Xenophon, and the Greek orators. 2 hrs. lect., 1 hr. disc. **EUR**, **HIS**, **LIT** *(J. Chaplin)*

Cross-listed as: HIST 0131

CLAS 0143 The Rise and Fall of the Roman Republic (Spring 2018)

This course is an introduction to the literature, politics, culture and history of the Roman Republic (c.509-31BCE) - a period which saw Rome grow from a small city on the Tiber to the supreme power in the Mediterranean, and also saw the development of Latin literature. Our readings cover a broad variety of literary genres and authors: comedy (Plautus and Terence), lyric (Catullus), epic (Ennius), political speeches and letters (Cicero), history (Caesar, Sallust, Polybius), and didactic philosophy (Lucretius). As we read we will be careful to investigate how these texts present different and often conflicting ideas of what it means to be Roman, as well as how different ideologies of Rome compete throughout each work. 3 hrs. lect. 1hr. disc. **EUR**, **HIS**, **LIT** *(C. Star)*

CLAS 0190 Greek and Roman Comedy (Spring 2018)

A survey of the comic playwrights of Greece (Aristophanes and Menander) and Rome (Plautus and Terence) in light of their ancient social, political, and religious contexts as well as modern theoretical approaches to laughter (including psychoanalysis and structural anthropology). We will trace enduring aspects of the comic tradition that can be found in both Greece and Rome and also look forward to Renaissance and modern comedy. These include: the nature of the comic hero; the patterns of comic plots; the dependence of comedy on language; the comic poet's concern with questions of freedom and slavery, desire and repression. 3 hrs. lect., 1 hr. disc. **EUR**, **LIT** *(P. Sfyroeras)*

Cross-listed as: CMLT 0190

CLAS 0230 Myth and Contemporary Experience: Modern Poems on Classical Myths (Fall 2017)

Greek mythology, an enduring presence in Western thought, has provided, according to Carl Jung, the foundation of one half of our spiritual tradition. In this course we shall study how this rich mythical material has shaped modern poetry. Through close readings of modern poems and their ancient models, we will trace the way 20th-century poets appropriate and transform the classical past in order to reflect on their historical present. While viewing this function of myth as an element of modernity, we shall also explore how these poets build connections between the archetypal meaning of the ancient stories, the questions of existence, and our own contemporary lives. Readings will include Rilke, Eliot, Pound, Cavafy, Montale, Akhmatova, Borges, as well as Sylvia Plath, Joseph Brodsky, Derek Walcott, Louise Glück, and Seamus Heaney. 3 hrs. lect., 1 hr. disc. **CMP**, **LIT**, **PHL** *(M. Hatjigeorgiou)*

Cross-listed as: CMLT 0230 *

CLAS 0331 Sparta and Athens (Spring 2018)

For over 200 years, Athens and Sparta were recognized as the most powerful Greek city-states, and yet one was a democracy (Athens), the other an oligarchy (Sparta). One promoted the free and open exchange of ideas (Athens); one tried to remain closed to outside influence (Sparta). This course studies the two city-states from the myths of their origins through their respective periods of hegemony to their decline as imperial powers. The goal is to understand the interaction between political success and intellectual and cultural development in ancient Greece. 2 hrs. lect., 1 hr. disc. **CMP**, **CW** (8 seats), **EUR**, **HIS**, **LIT** *(J. Chaplin)*

Cross-listed as: HIST 0331

CLAS 0420 Seminar in Classical Literature: The Humanism of Herodotus (Spring 2018)

Herodotus (485-424 BC), “the Father of History,” is also regarded as the first sociologist and ethnographer. The plan and argument of his work, however, including its many fantastic stories, disclose a philosophic intention that resists easy categorization. Herodotus’ subject is the “Greek miracle”: how the tiny and fractious cities of Greece took concerted action against the overwhelming might of the Persian kings who invaded Greece in 490 and 479 BC. The story of this unlikely triumph of political freedom and limited government over despotic empire is told against the background of the Afro-Asiatic origins of Greek civilization, which Herodotus uncovers in wide-ranging investigations of the customs and religions of Greece, Lydia, Media, Persia, Egypt, Libya, and Scythia. In this seminar we will pursue a close reading of Herodotus in translation; the seminar is open to all students with some previous background in Greek and/or Roman literature. 3 hrs. sem. **EUR**, **LIT** *(M. Witkin)*

CLAS 0450 History of Classical Literature (Fall 2017)

A comprehensive overview of the major literary, historical, and philosophical works of Greece and Rome. Greek authors studied include Homer, Aeschylus, Sophocles, Herodotus, Aristophanes, Thucydides, Plato, and Aristotle. Roman authors include Lucretius, Cicero, Livy, Vergil, Petronius, and Tacitus. Required of senior majors in Classics/Classical Studies (see CLAS 0701 below) and open to all interested students with some background in Greek and Roman literature, history, or philosophy. 3 hrs. lect. *(P. Sfyroeras)*

Cross-listed as: CMLT 0450

CLAS 0500 Independent Study (Fall 2017, Spring 2018)

(Approval required)

CLAS 0505 Ind Senior Project (Fall 2017, Spring 2018)

(Approval Required) *(J. Chaplin, M. Witkin, P. Sfyroeras, C. Star)*

CLAS 0700 Senior Essay for Classics/Classical Studies Majors (Fall 2017, Spring 2018)

(Approval required)

CLAS 0701 History of Classical Literature (Fall 2017)

A comprehensive overview of the major literary, historical, and philosophical works of Greece and Rome. Greek authors studied include Homer, Aeschylus, Sophocles, Herodotus, Aristophanes, Thucydides, Plato, and Aristotle. Roman authors include Lucretius, Cicero, Livy, Vergil, Petronius, and Tacitus. Required of senior majors in Classics/Classical Studies and open to all interested students with some background in Greek and Roman literature, history, or philosophy. 3 hrs. lect. *(P. Sfyroeras)*

GREK 0102 Beginning Greek II (Spring 2018)

This course completes the introductory course offered in Winter Term and will conclude with a reading of Plato's dialogue, Ion. 6 hrs. lect. **LNG** *(P. Sfyroeras)*

GREK 0301 Readings in Greek Literature I (Fall 2017)

Readings in major authors. 3 hrs. lect. **LIT**, **LNG** *(P. Sfyroeras)*

GREK 0302 Readings in Greek Literature II (Spring 2018)

Readings in major authors. 3 hrs. lect. **LIT**, **LNG** *(J. Chaplin)*

HEBR 0500 Independent Study (Fall 2017)

Approval required.

LATN 0201 Intermediate Latin: Prose (Fall 2017)

Readings in major authors. 3 hrs. lect. **EUR**, **LNG** *(I. Sutherland)*

LATN 0202 Intermediate Latin: Poetry (Spring 2018)

Readings in major authors. 3 hrs. lect. **EUR**, **LNG** *(C. Star)*

LATN 0401 Advanced Readings in Latin I (Fall 2017)

Readings in major authors. 3 hrs. lect. *(J. Chaplin)*

LATN 0402 Advanced Readings in Latin II (Spring 2018)

Readings in major authors. 3 hrs. lect. **CW** (5 seats) *(J. Evans)*

LATN 0501 Advanced Readings in Latin III (Fall 2017)

Readings in major authors. 3 hrs lect. *(J. Chaplin)*

LATN 0502 Advanced Readings in Latin IV: Flavian Literature (Spring 2018)

Readings in major authors. 3 hrs lect. **CW** *(J. Evans)*

↑ Top

Program in Comparative Literature

The Comparative Literature curriculum emphasizes foreign language learning as the basis for the study of literary texts. During their course of study, students of Comparative Literature will also become familiar with current comparative methodologies as well as relevant cultural and critical theories. These methodological skills support students work as they pursue a flexible and individualized pathway through their program of study, which culminates in an article-length comparative essay. The program is designed to accommodate students at all levels of language proficiency.

Majors in Comparative Literature will develop a plan of study with the guidance of a faculty advisor with expertise in the students chosen primary language and literature and the Director of the Comparative Literature Program.

The basic structure of the program is as follows:

1. One primary foreign language AND

2. One year of a secondary foreign language OR English/American Literatures

Requirements:

1.CMLT 0101;

2.Three content courses in the primary foreign language, including two literary classes and one cultural course (e.g. cinema, politics). The choice of particular classes requires the approval of the students primary language advisor and the Program Director. Students will also need approval for inclusion of study abroad classes in this category.*

3.Four courses in a secondary language.

OR

4 ENAM courses, including at least one course pre 1800.

(**Courses in this requirement may double-count in the electives section.)**

4. One course in literary theory (suggested for sophomore year);

5. Study abroad required for all students studying a foreign language. Up to 4 courses in literature taken abroad may be counted toward the major, subject to the pre-approval of the Director of the program. All students studying abroad must take one class in their foreign language after their return;

6 .Two electives explicitly comparative in nature. These literature courses may be taught in English. Examples: CLAS/CMLT 0150; CMLT/RELI 0238; CMLT/CLAS 0450; ENAM/CMLT 0305; GRMN/CMLT 0333; ITAL/CMLT 0299. Suitable classes will be cross-listed and bear the prefix CMLT.

7. One senior/advanced seminar in literature in the students primary or secondary language;

8. Senior Work: During Fall and WinterTerm or WinterTerm and Spring, students will write a 35-page (article length) comparative essay (advised independently). Students are responsible to choose their advisor and the members of their committee no later than the last week of classes in the preceding term. To be eligible for honors students must have a departmental GPA of 3.7 and a B+ or above on their essay.

*In the case of students whose primary language is Arabic, Chinese, Russian, or Japanese, some of these three content courses MAY be taught in English, depending on the availability of suitable courses in the language. Students should be aware that policies regarding acceptance of study abroad courses to satisfy requirements vary widely from department to department.

CMLT 0101 Introduction to World Literature (Spring 2018)

This course is an introduction to the critical analysis of imaginative literature of the world, the dissemination of themes and myths, and the role of translation as the medium for reaching different cultures. Through the careful reading of selected classic texts from a range of Western and non-Western cultures, students will deepen their understanding and appreciation of the particular texts under consideration, while developing a critical vocabulary with which to discuss and write about these texts, both as unique artistic achievements of individual and empathetic imagination and as works affected by, but also transcending their historical periods. 3 hrs. lect./disc. **CMP**, **CW**, **LIT** *(S. Mula, R. Russi, C. Wiebe)*

CMLT 0190 Greek and Roman Comedy (Spring 2018)

A survey of the comic playwrights of Greece (Aristophanes and Menander) and Rome (Plautus and Terence) in light of their ancient social, political, and religious contexts as well as modern theoretical approaches to laughter (including psychoanalysis and structural anthropology). We will trace enduring aspects of the comic tradition that can be found in both Greece and Rome and also look forward to Renaissance and modern comedy. These include: the nature of the comic hero; the patterns of comic plots; the dependence of comedy on language; the comic poet's concern with questions of freedom and slavery, desire and repression. (formerly CLAS 0160) 3 hrs. lect., 1 hr. disc. **EUR**, **LIT** *(P. Sfyroeras)*

Cross-listed as: CLAS 0190 *

CMLT 0205 Introduction to Contemporary Literary Theory (Fall 2017, Spring 2018)

Fall 2017

Introduction to Contemporary Literary Theory

This course will introduce several major schools of contemporary literary theory. By reading theoretical texts in close conjunction with works of literature, we will illuminate the ways in which these theoretical stances can produce various interpretations of a given poem, novel, or play. The approaches covered will include New Criticism, Psychoanalysis, Marxism and Cultural Criticism, Feminism, and Post-Structuralism. These theories will be applied to works by Shakespeare, Wordsworth, The Brontës, Conrad, Joyce, and others. The goal will be to make students critically aware of the fundamental literary, cultural, political, and moral assumptions underlying every act of interpretation they perform. 3 hrs. lect/disc. **EUR**, **LIT** *(A. Baldridge)*

Spring 2018

Introduction to Contemporary Literary Theory

In this course we will introduce several major schools of contemporary literary theory. By reading theoretical texts in close conjunction with works of literature, we will illuminate the ways in which these theoretical stances can produce multiple interpretations of a given literary work. The approaches covered may include New Criticism, Psychoanalysis, Marxism and Cultural Criticism, Race Theory and Multicultural Criticism, Feminism, Post-Colonial Criticism, Queer Studies, Eco-Criticism, Post-Structuralism, and others. These theories will be applied to various works of fiction, poetry, and drama. The goal will be to make students critically aware of the fundamental literary, cultural, political, and moral assumptions underlying every act of interpretation they perform. 3 hrs. lect/disc. **EUR**, **LIT** *(A. Losano)*

Cross-listed as: ENAM 0205 *

CMLT 0230 Myth & Contemporary Experience (Fall 2017)

Myth and Contemporary Experience: Modern Poems on Classical Myths*

Greek mythology, an enduring presence in Western thought, has provided, according to Carl Jung, the foundation of one half of our spiritual tradition. In this course we shall study how this rich mythical material has shaped modern poetry. Through close readings of modern poems and their ancient models, we will trace the way 20th-century poets appropriate and transform the classical past in order to reflect on their historical present. While viewing this function of myth as an element of modernity, we shall also explore how these poets build connections between the archetypal meaning of the ancient stories, the questions of existence, and our own contemporary lives. Readings will include Rilke, Eliot, Pound, Cavafy, Montale, Akhmatova, Borges, as well as Sylvia Plath, Joseph Brodsky, Derek Walcott, Louise Glück, and Seamus Heaney. 3 hrs. lect., 1 hr. disc. **CMP**, **LIT**, **PHL** *(M. Hatjigeorgiou)*

Cross-listed as: CLAS 0230

CMLT 0285 Magical Realism(s) (Fall 2017)

Novels that juxtapose the marvelous with the everyday have shadowed (and mocked) mainstream realism for the better part of two centuries, and have proliferated in recent years to the point where they may constitute the predominant genre of our globalized culture. Why should such strange mélanges of the quotidian and the supernatural strike so many authors as the perfect vehicle to express 20th and 21st century anxieties and possibilities? We will explore examples of these boundary-defying fictions across several decades and various national literatures. Authors to be studied will include Woolf, Kafka, Calvino, Morrison, Pynchon, Rushdie, and Garcia-Marquez. **CMP**, **LIT** *(A. Baldridge)*

Cross-listed as: ENAM 0285 *

CMLT 0299 Literary Feasts: Representations of Food in Modern Narrative (in English) (Spring 2018)

This course will consider food and eating practices within specific cultural and historical contexts. We will analyze realistic, symbolic, religious, erotic, and political functions surrounding the preparation and consumption of food. Readings will be drawn from several national traditions, with a focus on Europe. Authors will include, among others, I. Dinesen, L. Esquivel, J. Harris, E. Hemingway, T. Lampedusa, P. Levi, C. Petrini, M. Pollan, E. Vittorini, and B. Yoshimoto. Viewing of several films where food and eating play an important role will supplement class discussion. **EUR**, **LIT** *(S. Carletti)*

Cross-listed as: ITAL 0299 *

CMLT 0309 Contemporary Literature (Spring 2018)

In this course we will explore seminal works of the post-World War II literature written in English. In the course of our readings we will move through the cultural and social transformations beginning with the paranoia and alienation of the Cold War, and continuing with the Civil Rights era, the national crisis of Vietnam, the rise of multiculturalism and the culture wars in the 1980s, the wide ranging effects of the information revolution, the profits and perils of globalization, and the profound anxiety of the war on terror. Writers studied will include Thomas Pynchon, Vladimir Nabokov, Don DeLillo, Donald Barthelme, William S. Burroughs, Toni Morrison, Ishmael Reed, Ana Castillo, and Art Spiegelman. 3 hrs. lect. **AMR**, **LIT**, **NOR** *(R. Cohen)*

Cross-listed as: ENAM 0309 *

CMLT 0373 The Novel and the City (Spring 2018)

In this course we will examine a number of novels from the 20th and 21st centuries that are about life in the city, taking a global and trans-national approach. We will explore formations of urban life alongside transformations in the novel as a genre. We will put these novels of city life in dialogue with critical theory—that is, theories of culture and society that have as their aim human emancipation (for example, Marxism, feminism, critical race studies, and postcolonial studies). The novels we read will reflect important literary movements such as realism, modernism, and postmodernism. (Not open to students who have taken ENAM 0447) **CMP**, **CW** (5 seats), **LIT**, **SOC** *(Y. Siddiqi)*

Cross-listed as: ENAM 0373 *

CMLT 0450 History of Classical Literature (Fall 2017)

A comprehensive overview of the major literary, historical, and philosophical works of Greece and Rome. Greek authors studied include Homer, Aeschylus, Sophocles, Herodotus, Aristophanes, Thucydides, Plato, and Aristotle. Roman authors include Lucretius, Cicero, Livy, Vergil, Petronius, and Tacitus. Required of senior majors in Classics/Classical Studies (see CLAS 0701) and open to all interested students with some background in Greek and Roman literature, history, or philosophy. 3 hrs. lect. *(P. Sfyroeras)*

Cross-listed as: CLAS 0450 *

CMLT 0462 Literature of Displacement: Forced Migration, Diaspora, Exile (Spring 2018)

We will study contemporary postcolonial literature and theory about migration, displacement, exile, and diaspora. Spurred variously by force, necessity and desire, migrants leave their homes and homelands with regret and with hope. Writers address the historical forces that shape these migrations: decolonization and neo-colonialism, globalization, warfare, dispossession, political violence, religious conflict, and environmental catastrophe. These writers experiment with narrative form and poetic language to explore the experiences of undocumented immigrant workers, exiles, refugees and well-to-do migrants. We will examine constructions of identity, history, community and place in texts by Anzaldua, Ali, Darwish, Diome, Patel, Gomez Pena, Said, Rushdie, Spivak, and others. *(Diversity)/* **AAL**, **CMP**, **LIT**, **SOA**, **SOC** *(Y. Siddiqi)*

Cross-listed as: ENAM 0462 *

CMLT 0500 Independent Study (Fall 2017, Spring 2018)

Approval Required

CMLT 0700 Senior Thesis (Fall 2017, Spring 2018)

Approval required.

↑ Top

Department of Computer Science

Computer Science is a rich and dynamic discipline that seeks to understand and use effectively the great potential of computing. The Department of Computer Science offers a wide variety of courses that integrate computer science into the liberal arts curriculum. The major can be completed through two tracks. The traditional track provides students with a solid background in algorithmic reasoning, problem solving, design and organization of modern computers and programming languages, and the ability to apply computational thinking to different applications and problem domains. The interdisciplinary track first provides a solid background in computer science including algorithms and data structures, and then allows students to apply this knowledge to specific problem domains in related disciplines and to forge interdisciplinary connections.

Required for the Major in Computer Science, traditional track (11 courses):One CSCI course at the 0100-level; CSCI 0200, CSCI 0201, CSCI 0202, CSCI 0301, CSCI 0302, four CSCI electives at the 0300-level or above, and CSCI 0701. One elective can be substituted with MATH 0200 or MATH 0228.

Required for the Major in Computer Science, interdisciplinary track (11 courses):One CSCI course at the 0100-level; CSCI 0200, CSCI 0201, CSCI 0202, CSCI 0302, CSCI 0701; and five electives, two or three of them from disciplines outside computer science. These interdisciplinary courses should be cohesive in theme and should have computational content and/or technical depth comparable to CSCI electives. For double majors, these courses may not come from the other major. The remaining electives can be chosen from any CSCI courses at the 0300-level or above. In consultation with computer science faculty, students will develop a proposed set of courses to count towards the interdisciplinary major, and will submit their proposed list to the department chair by the end of their third semester for approval by the CS faculty.

***Departmental Honors*:**Required for honors are: 1. A grade of "B" or higher in the senior seminar CSCI 701, which contains a significant independent project; 2. An extra CSCI course in addition to the 11 courses required for the major; 3. participation in department extra-curricular or service activities such as tutoring, grading, sys-admin work, student-faculty research, or programming competitions; and 4. a major GPA of at least 3.5 for honors, 3.7 for high honors, and 3.9 for highest honors. The required extra course can be any CSCI elective at the 0300-level or above for regular honors, while high and highest honors require the senior thesis CSCI 0702.

Required for the Minor in Computer Science (6 courses):One CSCI course at the 0100-level; CSCI 0200, CSCI 0201, CSCI 0202, and two CSCI electives at the 0300-level or above.

***Joint Majors*:**The computer science component of a joint major requires: One CSCI course at the 0100-level, CSCI 0200, CSCI 0201, CSCI 0202; one course from CSCI 0301 and CSCI 0302; two CSCI electives at the 0300-level or above; and CSCI 0701.

***Advanced Placement and Waivers*:**First-year students whose secondary preparation indicates they can bypass one or more beginning courses should speak to a faculty member to determine the appropriate first course. College credit is given to students who achieve a score of 4 or 5 on

the AP computer science A exam. CSCI 0200 may be waived for students who have completed MATH 0310 or MATH 0318 or both MATH 0200 and MATH 0247, or in consultation with the department chair.

CSCI 0101 Introduction to Computing (Fall 2017, Spring 2018)

In this course we will provide a broad introductory overview of the discipline of computer science, with no prerequisites or assumed prior knowledge of computers or programming. A significant component of the course is an introduction to algorithmic concepts and to programming using Python; programming assignments will explore algorithmic strategies such as selection, iteration, divide-and-conquer, and recursion, as well as introducing the Python programming language. Additional topics will include: the structure and organization of computers, the Internet and World Wide Web, abstraction as a means of managing complexity, social and ethical computing issues, and the question "What is computation?" (Seniors by waiver) 3 hr. lect./lab **DED** *(Fall 2017: A. Briggs, R. Gilbert; Spring 2018: A. Briggs, J. Grant)*

CSCI 0150 Computing for the Sciences (Fall 2017, Spring 2018)

In this course we will provide an introduction to the field of computer science geared towards students interested in mathematics and the natural sciences. We will study problem-solving approaches and computational techniques utilized in a variety of domains including biology, chemistry, physics, and engineering. Students will learn how to program in Python and other languages, how to extract information from large data sets, and how to utilize a variety of tools employed in scientific computation. The course has no prerequisites and assumes no prior experience with programming or computer science. 3 hrs. lect./lab **DED** *(Fall 2017: M. Linderman; Spring 2018: P. Johnson)*

CSCI 0200 Mathematical Foundations of Computing (Fall 2017, Spring 2018)

In this course we will provide an introduction to the mathematical foundations of computer science, with an emphasis on formal reasoning. Topics will include propositional and predicate logic, sets, functions, and relations; basic number theory; mathematical induction and other proof methods; combinatorics, probability, and recurrence relations; graph theory; and models of computation. (One CSCI course at the 0100-level) 3 hrs. lect./lab **DED** *(S. Kimmel)*

CSCI 0201 Data Structures (Fall 2017, Spring 2018)

In this course we will study the ideas and structures helpful in designing algorithms and writing programs for solving large, complex problems. The Java programming language and object-oriented paradigm are introduced in the context of important abstract data types (ADTs) such as stacks, queues, trees, and graphs. We will study efficient implementations of these ADTs, and learn classic algorithms to manipulate these structures for tasks such as sorting and searching. Prior programming experience is expected, but prior familiarity with the Java programming language is not assumed. (One CSCI course at the 0100-level) 3 hrs. lect./lab **DED** *(Fall 2017: D. Scharstein; Spring 2018: A. Christman)*

CSCI 0202 Computer Architecture (Fall 2017, Spring 2018)

A detailed study of the hardware and software that make up a computer system. Topics include assembly language programming, digital logic design, microarchitecture, pipelines, caches, and RISC vs. CISC. The goal of the course is teach students how computers are built, how they work at the lowest level, and how this knowledge can be used to write better programs. (CSCI 0201) 3 hrs. lect./lab **DED** *(Fall 2017: P. Johnson; Spring 2018: D. Scharstein)*

CSCI 0301 Theory of Computation (Fall 2017, Spring 2018)

This course explores the nature of computation and what it means to compute. We study important models of computation (finite automata, push-down automata, and Turing machines) and investigate their fundamental computational power. We examine various problems and try to determine the computational power needed to solve them. Topics include deterministic versus non-deterministic computation, and a theoretical basis for the study of NP-completeness. (CSCI 0200 and CSCI 0201) 3 hrs. lect./disc. **DED** *(A. Briggs)*

CSCI 0302 Algorithms and Complexity (Fall 2017, Spring 2018)

This course focuses on the development of correct and efficient algorithmic solutions to computational problems, and on the underlying data structures to support these algorithms. Topics include computational complexity, analysis of algorithms, proof of algorithm correctness, advanced data structures such as balanced search trees, and also important algorithmic techniques including greedy and dynamic programming. The course complements the treatment of NP-completeness in CSCI 0301. (CSCI 0200 and CSCI 0201) 3 hrs. lect./disc. **DED** *(Fall 2017: S. Kimmel; Spring 2018: A. Christman)*

CSCI 0312 Software Development (Spring 2018)

This course examines the process of developing larger-scale software systems. Laboratory assignments emphasize sound programming practices, tools that facilitate the development process, and teamwork. (CSCI 0200 and CSCI 0201) 3 hrs. lect./lab *(M. Linderman)*

CSCI 0315 Systems Programming (Fall 2017)

Students will become intimately acquainted with the low-level software services that applications often take for granted. Through a broad, project-based survey of core system libraries and UNIX system calls, students will explore process management, memory management, linking and loading, threading, synchronization, filesystem operations, and inter-process communication (networking). In each area, students will build software using these building blocks, gaining an understanding of the behavior and efficiency of the tools at their disposal. Students will also gain experience building larger, more complex systems upon which applications can be built. This course is ideal for students who wish to understand and construct the software infrastructure upon which user-level software depends. (CSCI 0202) 3 hrs. lect **DED** *(P. Johnson)*

CSCI 0333 Quantum Computing (Spring 2018)

In this course we will explore how quantum mechanics can be applied to problems in communications, algorithms, detection, and cryptography. We will learn how features such as entanglement, superposition, and no-cloning can sometimes give quantum systems an advantage over standard “classical” computers. We will also discuss the current situation and challenges facing experimental quantum computers, as well as the limits of quantum computing. No previous experience with quantum mechanics is required. (MATH 0200) 3 hrs lect./disc. **DED** *(S. Kimmel)*

CSCI 0390 Spatial Agent-Based Modeling (Spring 2018)

In this course students will learn efficient data structures and design techniques for spatially-explicit agent-based modeling using the NetLogo programming language. Agent-based modeling techniques will be applied to problems in the social and natural sciences, mathematics and computational sciences, and agent-based games. In this course we will explore advanced programming features of NetLogo such as links, GIS extensions, 3D modeling, and the profiler. Students will design and implement a significant term project. (CSCI 0190 or CSCI 0201). **DED** *(M. Dickerson)*

CSCI 0431 Computer Networks (Spring 2018)

Computer networks have had a profound impact on modern society. This course will investigate how computer networks are designed and how they work. Examples from the Internet as well as our own campus network will be discussed. (CSCI 0200 and CSCI 0315) 3 hrs. lect./lab **DED** *(P. Johnson)*

CSCI 0433 Compiler Design (Fall 2017)

An introduction to the design and construction of compilers and translators. Topics include context-free grammars, lexical analysis, symbol tables, top-down and bottom-up parsing, parser generators, error recovery, run-time organization, declaration processing, type checking, code generation, and optimization. Through the course of the semester students will implement a complete compiler for a simple programming language. (CSCI 0202 and CSCI 0301) 3 hrs. lect./lab **DED** *(M. Linderman)*

CSCI 0451 Machine Learning (Fall 2017)

Machine Learning is the study and design of computational systems that automatically improve their performance through experience. This course introduces the theory and practice of machine learning and its application to tasks such as database mining, pattern recognition, and strategic game-playing. Possible topics include decision-tree methods, neural networks, Bayesian and statistical methods, genetic algorithms, and reinforcement learning. (CSCI 0200 and CSCI 0201) 3 hrs. lect./lab **DED** *(D. Scharstein)*

CSCI 0454 Biometrics (Fall 2017)

Biometric recognition, or simply biometrics, is the science of establishing the identity of a person based on physical or behavioral attributes. In this course we will cover the three primary modalities of biometric recognition, namely fingerprint, face, and iris. We will also introduce other emerging technologies such as recognition of gait, hand geometry, and ear. Other topics will include the security of biometrics, statistics for biometric evaluation, spoofing, ethical issues related to biometric technology, the relation to forensic science, and the impact biometric recognition has had on the judicial system. (CSCI 0200 and CSCI 201) 3 hrs. lect./lab. **DED** *(J. Grant)*

CSCI 0500 Advanced Study (Fall 2017, Spring 2018)

Individual study for qualified students in more advanced topics in computer science theory, systems, or application areas. Particularly suited for students who enter with advanced standing. (Approval required) 3 hrs. lect.

CSCI 0701 Senior Seminar (Fall 2017, Spring 2018)

This senior seminar provides a capstone experience for computer science majors at Middlebury College. Through lectures, readings, and a series of two to three week individual and group assignments, we will introduce important concepts in research and experimental methods in computation. Examples will include: reading research papers; identifying research problems; dealing with big data; experimental design, testing and analysis; and technical writing in computer science. (Approval only). *(J. Grant)*

CSCI 0702 Senior Thesis (Fall 2017, Spring 2018)

The senior thesis is required for all CSCI majors who wish to be considered for high and highest departmental honors, and is recommended for students interested in pursuing graduate study in computer science. Students will spend the semester researching and writing, and developing and experimenting as appropriate for their topic. All students will be expected to report on their work in the form of a written thesis, a poster, and an oral presentation at the end of the semester. In addition, throughout the semester, students will meet as a group to discuss research and writing, and will be expected to attend talks in the Computer Science lecture series. Before approval to join the class is granted, students are expected to have chosen a thesis adviser from the CSCI faculty, and determined a thesis topic with the guidance and approval of that adviser. (CSCI 0701 and approval required) 3 hrs. lect./disc. *(Fall 2017: P. Johnson; Spring 2018: D. Scharstein)*

↑ Top

Program in Dance

Consistent with its liberal arts mission, the Dance Program offers a rich set of eight foundational courses required of all Dance majors. Beyond these shared foundational courses, students take additional courses specific to one of three tracks: Choreography and Performance, Production and Technology, and Theory and Aesthetics. The complete requirements for each track (foundational courses plus track-specific courses) are as follows:

Choreography & Performance Track
1. 0116 (Creative Process)
2. 0260 (Advanced Beginning Dance)
3. 0261 (Introduction to Improvisation)
4. 0284 (Dance History)
5. 0360 (Intermediate/Advanced Dance)
6. 0370 (Production Workshop) or 0361 (Movement and Media)
7. 0376 (Anatomy & Kinesiology)
8. 0460 (Advanced Dance)
9. 0500 (Production Seminar)
10. 0700 (Senior Work)
11. Z-Lab (0470)

This track represents the core curriculum of the dance program for students primarily focused on contemporary approaches to technique, composition and performance. The culminating senior work in this track will take the form a formal concert work and written thesis.

Production & Technology Track
1. 0116 (Creative Process)
2. 0260 (Advanced Beginning Dance)
3. 0261 (Introduction to Improvisation)
4. 0284 (Dance History)
5. 0361 (Movement & Media)
6. 0370 (Production Workshop)
7. 0376 (Anatomy & Kinesiology)
8. 0460 (Advanced Dance) - Design Focused
9. 0700 (Senior Work) - Design & Production
10. 2 other Elective Courses from the Following Disciplines: (by advisor approval)

- Studio Art
- Architecture Studies
- Theatre
- Film and Media Culture

This track represents a directed course of study for students primarily focused on the skills and methods of dance production and media, digital representations of the body, and current innovations and aesthetic models presented by the confluence of dance and the digital age. The culminating senior work in this track will involve all elements of the production of a design-focused concert work and a written thesis.

Dance Studies Track (Theory & Aesthetics)
1. 0116 (Creative Process)
2. 0260 (Advanced Beginning Dance)
3. 0261 (Introduction to Improvisation)
4. 0284 (Dance History)
5. 0360 (Intermediate/Advanced Dance)
6. 0376 (Anatomy & Kinesiology)
7. 0460 (Advanced Dance)
8. 0500 (Production Seminar)
9. 0700 (Senior Work)
10. 2 other elective courses from the following disciplines: (by advisor approval)

- English and American Literature
- History
- Philosophy
- Sociology/Anthropology

This track represents a directed course of study for students interested in dance as a focus for scholarly work and theoretical inquiry by developing the ability to articulate the interdisciplinary and intercultural aspects of dance, as well as write about the potential of the moving body to both reflect and impact culture. The culminating senior work in this track will take the form a public lecture and written thesis.

Joint Major Requirements
1. ARDV 0116 (Creative Process)
2.DANC 0284 (Dance History)
3.DANC 0376 (Anatomy & Kinesiology)
4. Three semesters of technique and choreography at or above the 0200 level
5.DANC 0700 (Senior Work)

Minor Requirements
1. ARDV 0116 (Creative Process)
2.DANC 0284 (Dance History)
3.DANC 0376 (Anatomy & Kinesiology)
4.Two semesters of technique and choreography at or above the 0200 level

Honors-Dance: Honors, high honors, or highest honors are awarded to graduating seniors in the dance program based upon a grade point average of A- or better in department and cognate courses, a grade of A- or better on the DANC 0700 Senior Independent Project, and overall distinction in the program. Normally only full majors will be eligible for highest honors.

ARDV 0116 The Creative Process (Fall 2017, Spring 2018)

In this course, students will have the opportunity to dig deeply into their own creativity and explore the processes by which ideas emerge and are given shape in the arts. The experiential nature of this course integrates cognition and action, mind and body. Students will engage a range of modes of discovering, knowing, and communicating, which are designed to push them beyond their present state of awareness and level of confidence in their creative power. Practical work will be closely accompanied by readings and journaling, culminating with the creation and performance of a short project. (First- and second-year students only; Not open to students who have taken FYSE 1364) 3 hrs. lect. **ART** *(Fall 2017: L. Winfield, M. Veikley; Spring 2018: L. Jenkins)*

DANC 0160 Introduction to Dance (Fall 2017, Spring 2018)

This entry-level dance course introduces movement techniques, improvisation/composition, performance, experiential anatomy, and history of 20th century American modern dance. Students develop flexibility, strength, coordination, rhythm, and vocabulary in the modern idiom. Concepts of time, space, energy, and choreographic form are presented through improvisation and become the basis for a final choreographic project. Readings, research, and reflective and critical writing about dance performance round out the experience. 2 hrs. lect./3 hrs. lab **ART**, **PE** *(L. Winfield)*

DANC 0244 African Music and Dance Performance (Spring 2018)

This course will introduce students to various techniques of performing East African (primarily Ugandan) musical and dance traditions through regular rehearsals, culminating in an end-of-semester concert. As an ensemble, we will learn and master how to play and sing/dance to bow-harps, thumb-pianos, xylophones, tube-fiddles, bowl-lyres, gourd shakers, struck gourds, reed-box rattles, ankle bells, leg rattles, and various types of drums. Some background in performing music is recommended, but prior knowledge of performing African music and dance is not required. 3 hrs. lect./lab **AAL**, **ART** *(D. Kafumbe)*

Cross-listed as: MUSC 0244 *

DANC 0260 Advanced Beginning Dance I (Spring 2018)

This is the first course in the studio sequence for students entering Middlebury with significant previous dance experience. It is also the course sequence for those continuing on from DANC 0160 or DANC 0161 and provides grounding in the craft of modern dance needed to proceed to more advanced levels. Modern dance movement techniques are strengthened to support an emerging individual vocabulary and facility with composition. Students regularly create and revise movement studies that focus on the basic elements of choreography and the relationship of music and dance. Readings, journals, and formal critiques of video and live performance contribute to the exploration of dance aesthetics and develop critical expertise. (DANC 0160 or by approval) 3 hrs. lect./3 hrs. lab **ART**, **PE** *(J. Barnett)*

DANC 0261 Improvisational Practices (Fall 2017)

In this course students will gain an embodied understanding of the practices and techniques needed to proceed to advanced improvisational work. Research into forms such as partnering, ensemble work, text, musical exercises, compositions, and scores/projects will focus on mapping the moving body in the moment. Readings, journals, and responses to video viewings and live performances contribute to the exploration of historical contexts, aesthetics, and cultural improvisations. 3 hrs. lect./3 hrs. lab **ART**, **PE** *(L. Jenkins)*

DANC 0277 Body and Earth (Spring 2018)

This course has been designed for students with an interest in the dialogue between the science of body and the science of place. Its goals are to enhance movement efficiency through experiential anatomy and to heighten participants' sensitivity to natural processes and forms in the Vermont bioregion. Weekly movement sessions, essays by nature writers, and writing assignments about place encourage synthesis of personal experience with factual information. Beyond the exams and formal writing assignments, members of the class will present a final research project and maintain an exploratory journal. 3 hrs. lect. 1 hr. lab. **AMR**, **ART**, **CW** (5 seats), **NOR**, **PE** *(L. Jenkins)*

Cross-listed as: ENVS 0277

DANC 0284 Modern Dance History in the United States: Early Influences to Postmodern Transformations (Fall 2017)

In this seminar we will focus on the emergence and development of 20th century American concert dance--especially modern and postmodern dance forms--from the confluence of European folk and court dance, African and Caribbean influences, and other American cultural dynamics. We will look at ways in which dance reflects, responds to, and creates its cultural milieu, with special attention to issues of gender, race/ethnicity, and class. Readings, video, and live performance illuminate the artistic products and processes of choreographers whose works mark particular periods or turning points in this unfolding story. Our study is intended to support informed critical articulations and an understanding of the complexity of dance as art. 3 hrs. lect./2 hrs. screen. **AMR**, **ART**, **CW**, **HIS**, **NOR** *(K. Borni)*

Cross-listed as: GSFS 0284

DANC 0286 Global Contemporary Dance (Spring 2018)

In this seminar we will ask what dancing “locally” signifies in a global world and what coheres – across multiple dance practices, performances and intercultural collaborations – in the category of “contemporary dance.” Through ethnographic research and expository and embodied activities we will explore dance as a complex site of cultural negotiation and contestation, challenging binaries between Western and non-Western movement traditions. With a focus on Asia, Latin America, Africa and the Middle East, we will trace how dance flows transnationally across varied political economies; contributes to the formation of ethnic, racial, gendered, national and (post) colonial identities; and complicates notions of cultural “authenticity.” (No previous dance experience required)
3 hrs. lect/disc. **AAL**, **ART**, **CMP**, **SOC** *(K. Borni)*

Cross-listed as: SOAN 0286

DANC 0360 Intermediate/Advanced Dance I (Fall 2017)

This course involves concentrated intermediate-advanced level work in contemporary dance technique and choreography culminating in production. Theoretical issues of importance to the dancer/choreographer are addressed through readings, writings and practice. (DANC 0261 or by waiver; this course may be taken in any sequence with DANC 0361, DANC 0460, DANC 0461) 3 hrs. lect./3 hrs. lab **ART**, **PE** *(J. Barnett)*

DANC 0370 Production Workshop (Fall 2017)

In preparing two fully produced dance productions for the stage, students will participate in and be exposed to professional production practices in all areas of dance technical design, including sets, costumes, props, lights, and sound. Students will be involved in planning, building, operating, lighting, documenting, striking, and publicizing fully produced dance program concerts. (6 hrs. lab) **ART**, **PE** *(J. Ponder)*

DANC 0376 Anatomy and Kinesiology (Fall 2017)

This course offers an in-depth experiential study of skeletal structure, and includes aspects of the muscular, organ, endocrine, nervous, and fluid systems of the human body. The goal is to enhance efficiency of movement and alignment through laboratory sessions, supported by assigned readings, exams, and written projects. (Not open to first-year students) 3 hrs. lect. **ART**, **PE** *(L. Jenkins)*

DANC 0380 Dance Company of Middlebury (Fall 2017)

Dancers work with the artistic director and guest choreographers as part of a dance company, learning, interpreting, rehearsing, and performing dances created for performance and tour. Those receiving credit can expect four to six rehearsals weekly. Appropriate written work, concert and film viewing, and attendance in departmental technique classes are required. Auditions for company members are held in the fall semester for the year. One credit will be given for two terms of participation. Performances and tour are scheduled in January. (Limited to sophomores through seniors, by audition.) (DANC 0260; Approval required) 4 hrs. lect./4 hrs. lab **ART**, **PE** *(C. Brown)*

DANC 0460 Intermediate/Advanced Dance III: The Place of Dance (Spring 2018)

In this course we will investigate three aspects of place in relation to dance: where we source movement, the relevance of dance in culture, and the effects of place on the moving dancing body. Material covered will include body systems dance technique at the intermediate/advanced level, improvisation and composition toward choreography and site specific work, readings and reflective writing, and performance viewing. The course culminates in formal and informal showings of performance work. The emergence of a personal philosophy and dance aesthetic will be engaged and formally articulated in writing. (DANC 0261; this course may be taken in any sequence with DANC 0360, DANC 0361, DANC 0461) 4.5 hrs. lect./2 hrs. lab. **ART**, **PE** *(C. Brown)*

DANC 0461 Intermediate/Advanced Dance IV: Advanced Dance Improvisation (Spring 2018)

Students will gain rigorous training in the simultaneous conception, composition, and performance of dance works. This will include units in techniques such as contact improvisation, performance improvisation, site specific work, musical collaboration, and elemental integration. The body will be developed as an articulate, responsive instrument while the mind is honed toward quick, clear perception of potential form with a willingness to act and react. Personal philosophy and dance aesthetics will be cultivated and formally articulated in writing. Musicians proficient with their instrument and interested in improvisation are strongly encouraged to seek admission. (Required for dancers: DANC 0261 or by waiver; this course may be taken in any sequence with DANC 0360, DANC 0361, DANC 0460) 6 hrs lect. **ART**, **PE** *(L. Winfield)*

DANC 0470 Technique Workshop (Spring 2018)

This advanced physical and theoretical study of a variety of movement techniques will further prepare dance majors and minors for the rigors of performance, technical craft, and physical research. Exercises and discussions will revolve around increased subtlety, strength, flexibility, musicality, and dynamics with the goal of heightening the communicative range of the moving body. Rotating movement aesthetics taught by dance faculty. (Approval required) **ART**, **PE** *(L. Jenkins, J. Barnett, K. Borni, L. Winfield)*

DANC 0500 Independent Project (Fall 2017, Spring 2018)

(Approval Required)

DANC 0700 Independent Project (Fall 2017, Spring 2018)

(Approval Required) *(Fall 2017: G. Forestieri, C. Brown)*

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Department of Economics

I. ***Required for the Major***

The economics major consists of four sequences.

Introductory Sequence: ECON 0150 and ECON 0155. Neither ECON 0150 nor ECON 0155 assumes any prior exposure to economics, but both courses presume a thorough working knowledge of algebra. Note: Students must pass ECON 0150 and ECON 0155 with at least a C- to be admitted into ECON 0250 and ECON 0255 respectively without a waiver.
Quantitative Sequence: The quantitative sequence in economics consists of two courses. The first course can be ECON 0210, MATH 0116, or MATH 0310, PSYC 0201, or BIOL 0211. (ECON 0210 may not be taken concurrently with MATH 0116, MATH 0310 or PSYC 0201. Credit is not given for ECON 0210 if the student has taken MATH 0116, MATH 0310 or PSYC 0201) Students with strong mathematical background wanting to take MATH 0410 (Stochastic Processes) should take MATH 0310 rather than MATH 0116 or ECON 0210, since MATH 0310 is a prerequisite for MATH 0410. The second course in the sequence is ECON 0211. Students must pass ECON 0210 with at least a C- to be admitted into ECON 0211 without a waiver. MATH 0121 (or their AP or IB equivalents) is a prerequisite for ECON 0211. (In special circumstances, students who have a strong background in high school calculus, but did not do the AP or IB equivalent, may substitute either MATH 0200 or CSCI 0101 for MATH 0121 with approval by the economics chair.)
Intermediate Theory Sequence for students entering in Spring 2013 and earlier: ECON 0250 and ECON 0255. Credit for MATH 0121 (the equivalent or higher) is a prerequisite for ECON 0255.
Intermediate Theory Sequence for students entering in Fall 2013 and later: ECON 0250; ECON 0255; and one of ECON 0212, ECON 0229, or ECON 0280.
Note: It is important, especially for those planning to study abroad for a full year that the above three sequences be completed by the end of the sophomore year.
Elective Sequence: Majors are required to take at least four electives, two of which must either be at the 0400-level or a combination of one 0400-level and the ECON 0701/0702 senior workshop sequence. The other two electives may be 0200-, 0300-, or 0400-level courses. All majors must take at least six economics courses in the major at Middlebury, including one 0400- or 0701/0702 sequence. The 0400-level courses are seminars that typically enroll no more than 16 students, have intermediate theory as a prerequisite, and serve as a capstone experience for the major. Emphasis is placed on reading, writing, and discussion of economics at an advanced level. The 0701/0702 workshops are seminars that typically enroll eight students, have intermediate theory and a field course as a prerequisite, and involve writing an independent research paper. The difference between an ECON 0400-level seminar and an ECON 0701/0702 workshop is the degree of independence the student has and the level of sophistication expected in the paper. Any student wanting honors in economics must take ECON 0701and ECON 0702. Because of space constraints, ECON 0701/0702 workshops are initially reserved for straight economics majors; others, including minors and majors in programs that include economics will be admitted on a space available basis.
Courses that do not count towards the major: ECON 0205 (Economics of Investing) will not count towards the major. Beginning Fall 2014, ECON 0240 does not count towards the major or minor requirements. Only two of the following four courses, if completed before Fall 2014, will count towards the major requirements: ECON 0316, ECON 0317, ECON 0412, and ECON 0475.

ECON 0500 does not count towards the major or minor requirements . Economics electives taken during the winter term will count towards the majorrequirements only if so designated in the winter term catalog.

Honors: To be eligible for honors in economics, students must take the Senior Research sequence (ECON 0701 and ECON 0702) during their senior year. The purpose of this two-semester sequence is to foster independent student research, culminating in a research paper in the style of an economics journal article. Prior to enrolling in ECON 0701, students must have taken a minimum of six economics courses at Middlebury approved to count towards the major requirements. Each course in the sequence will have no more than eight students who will work on their projects for two semesters (either fall/winter or winter/spring) and will include both individual meetings and group meetings to develop new techniques and present and discuss research. Students who have prearranged a research topic with the professor will be given priority in admission to the seminar. Also, because of limited resources for guiding senior work, students with a single major in economics will be given priority over double majors who will do senior work in other departments. Students interested in pursuing departmental honors must take the Senior Research Workshop sequence (ECON 0701 and ECON 0702) during their senior year. To receive departmental honors the student must receive a minimum grade of A- in ECON 0701 and ECON 0702, and have a 3.5 or higher GPA in all economics courses taken at Middlebury approved to count towards the major requirements. High Honors requires a minimum grade of A in ECON 0701 and ECON 0702, and a 3.75 or higher economics GPA. Highest Honors requires a minimum grade of A in ECON 0701 and ECON 0702, and a 3.9 or higher economics GPA.

Joint Majors: The Department of Economics does not offer a joint major.

***International Politics and Economics Major*:** Please refer to the International Politics and Economics section of the catalog for details about the major or visit the International Politics & Economics webpage for the most current information.

International and Global Studies Major: Please refer to the International and Global Studies section of the catalog for details about the major or visit the International and Global Studies webpage for the most current information.

AP Credit Policy: To obtain credit, students will need to submit their official scores to the Registrar's Office and obtain approval from the department chair. Students who score a 5 on the Advanced Placement exam in Macroeconomics or Microeconomics will receive credit for Introductory Macroeconomics (ECON 0150) or Introductory Microeconomics (ECON 0155) respectively and cannot enroll in these courses at Middlebury. Students who score a 5 on the advanced placement exam in statistics are strongly encouraged to enroll in Economic Statistics (ECON 0210) but they may choose to use their AP credit instead. Note: Students may not receive AP credit and course credit for the same course.

Students who score a 4 on the advanced placement exam in Macroeconomics, Microeconomics or Statistics must earn a B- or better grade in the corresponding intermediate-level course ECON 0250, ECON 0255, or ECON 0211, respectively, to receive college credit for the AP course. Note: Students are required to complete an additional elective for each of these courses when a grade of B- or higher is not earned in the corresponding intermediate-level course.

International Baccalaureate/A-Levels: Students who have completed an International Baccalaureate or the equivalent of the introductory sequence abroad before coming to Middlebury and have earned a score of 7 on IB Economics or a grade of A on A-Level Economics should begin their studies of Macroeconomics and Microeconomics with ECON 0250 and ECON 0255. These students will be given one course credit toward the economics major, and will be prohibited from enrolling in ECON 0155 or ECON 0150. Students who have earned a score of 6 on IB economics or a grade of B on A-Level economics are encouraged to begin their studies of Macroeconomics and Microeconomics with ECON 0250 and ECON 0255, but they may elect to

enroll in ECON 0155 or ECON 0150. Students majoring or minoring in Economics will need to replace the other introductory course with an ECON elective. Students who have completed a statistics course with a score of 6 or higher on IB Statistics, or a grade of B or better on A-Level Statistics are exempt from ECON 0210, and may begin their course of study of economics statistics with ECON 0211 or MATH 0310. If they choose to start with ECON 0211, they will need to replace the ECON 0210 with an ECON elective. The same rules apply where ECON courses are requirements for other majors.

Transfer of Credit: Students may take economics courses in approved programs (abroad and domestic) and have those courses count towards the major and/or the general graduation requirement. Summer school courses will generally not be given credit for the major unless there is an overriding reason to take a summer school course. Any summer school course must meet a minimum of six weeks and have at least 36 hours of class time. Students planning to take courses off-campus should discuss the proposed course(s) with their advisor and get pre-approval from the chair of the economics department. Upon completion of the course(s), students should submit their course material and a copy of their transcript along with the appropriate Application for Transfer Credit form to the department coordinator for departmental approval. After receiving departmental approval, students must submit their forms to the director of off-campus study for final approval. Courses having a BU (Business) or MGMT (Management) prefix will normally not be considered the equivalent of an economics course. No credit will be given for business courses taken over the summer. A maximum of one credit will be given for a business course taken through a junior year abroad business program. However, this credit will count as a general credit only, not as a major equivalent credit. Business courses taken in a non-business program will be considered on a case-by-case basis. Those that match the department's offerings, and have strong liberal arts content, have the best chance of receiving credit.

II. *Post-Graduate Preparation*

Graduate programs in economics or finance [other than a Masters of Business Administration (MBA)] generally require a high degree of mathematical sophistication. Students thinking of continuing in such a program are encouraged to: (i) take MATH 0310 in place of ECON 0210; (ii) select economics electives with significant mathematically and statistically rigorous content [recommended courses fulfilling the elective requirements of the economics major include: ECON 0229, ECON 0280 (formerly ECON 0380), ECON 0390, and ECON 0411]; (iii) take a number of additional courses in mathematics and computer science [recommended courses include: CSCI 0101, MATH 0315, MATH 0318, MATH 0323, MATH 0410, and MATH 0423]. Good training for graduate school might include being a statistics tutor or having worked as a research assistant at Middlebury College or at a Federal Reserve Bank, or as an intern at a research institute or NGO. Students thinking about this option should discuss their plans with their advisor and other faculty members.

Masters of Business Administration (MBA) programs look for students who have taken a wide range of courses across the curriculum rather than for students who have narrowly focused on economics and math. Thus, it is not necessary for someone planning to go on in business or to an MBA program to have majored in economics. MBA programs normally expect that students have worked for a couple of years in business, government, or similar organization before they begin the MBA program. The appropriate coursework for these MBA programs is a wide range of liberal arts courses.

III. *Minor in Economics*

The Department of Economics does not offer a minor.

ECON 0150 Introductory Macroeconomics (Fall 2017, Spring 2018)

An introduction to macroeconomics: a consideration of macroeconomic problems such as unemployment and inflation. Theories and policy proposals of Keynesian and classical economists are contrasted. Topics considered include: banking, financial institutions, monetary policy, taxation, government spending, fiscal policy, tradeoffs between inflation and unemployment in both the short run and the long run, and wage-price spirals. 3 hrs. lect. **SOC** *(Fall 2017: E. Wolcott, C. Craven, D. Munro, L. Arroyo Abad; Spring 2018: L. Arroyo Abad, E. Wolcott, D. Munro)*

ECON 0155 Introductory Microeconomics (Fall 2017, Spring 2018)

An introduction to the analysis of such microeconomic problems as price formation (the forces behind demand and supply), market structures from competitive to oligopolistic, distribution of income, and public policy options bearing on these problems. 3 hrs. lect. **SOC** *(Fall 2017: J. Isham, S. Pecsok, D. Horlacher; Spring 2018: J. Holmes, J. Carpenter, S. Pecsok)*

ECON 0207 Economics and Gender (Fall 2017)

Economics and Gender is an introduction to using the tools of economics to understand gender-related issues. In the first part of the course we will review economic models of the household, fertility, and labor supply and discuss how they help us interpret long-term trends in marriage and divorce, fertility, and women’s labor-force participation. In the second part of the course we will study economic models of wage determination and focus on explanations of, and policy remedies for, earnings differentials by gender. The final part of the course will focus on new research in economics on gender-related topics. (ECON 0155) 3hrs. lect. **CW** (15 seats), **SOC** *(T. Byker)*

Cross-listed as: GSFS 0207

ECON 0210 Economic Statistics (Fall 2017, Spring 2018)

Basic methods and concepts of statistical inference with an emphasis on economic applications. Topics include probability distributions, random variables, simple linear regression, estimation, hypothesis testing, and contingency table analysis. A weekly one-hour lab is part of this course in addition to three hours of class meetings per week. Credit is not given for ECON 0210 if the student has taken MATH 0116, or MATH 0310, or PSYC 0201 previously or concurrently. (ECON 0150 or ECON 0155) 3 hrs. lect., 1 hr. lab **DED** *(Fall 2017: A. Gregg, P. Sommers; Spring 2018: A. Gregg, E. Gong)*

ECON 0211 Introduction to Regression Analysis (Fall 2017, Spring 2018)

In this course regression analysis is introduced. The major focus is on quantifying relationships between economic variables. Multiple regression identifies the effect of several exogenous variables on an endogenous variable. After exploring the classical regression model, fundamental assumptions underlying this model will be relaxed, and further new techniques will be introduced. Methods for testing hypotheses about the regression coefficients are developed throughout the course. Both theoretical principles and practical applications will be emphasized. The course goal is for each student to employ regression analysis as a research tool and to justify and defend the techniques used. (MATH 0121; and ECON 0150 or ECON 0155; and ECON 0210; or by approval) 3 hrs. lect., 1 hr. lab **DED** *(Fall 2017: C. Myers; Spring 2018: T. Byker)*

ECON 0212 Empirical Research Methods in Economics (Fall 2017)

In this course we will provide students with the tools to conceptualize, design, and carry out a research project in economics. Topics will include survey design, sampling and power, experimental design (in and out of the lab), natural experiments, and other approaches to identifying causal relationships. Drawing from several sub-disciplines in economics, students will examine, replicate, and critique various studies. Emphasis will be placed on the formulation of valid, feasible research questions, and on the description and interpretation of results. (ECON 0211) 3 hrs. lect. *(E. Gong)*

ECON 0222 Economics of Happiness (Fall 2017)

We will explore the economics of happiness in both the micro and macro realm. We start with the neoclassical model of rational individuals who know with great precision what makes them happy. Next we explore behaviorist challenges to that model, including issues of regret, altruism, fairness, and gender. On the macro side, we investigate the puzzle of why, though most of us like more income, a growing GDP does not seem to make societies happier; we examine the impact of the macroeconomic environment on individual happiness. Finally we touch on current policy issues such as quantitative happiness indicators that have been adopted around the world, “paternalistic” policy measures to increase happiness, and the no-growth movement. (ECON 0150 or ECON 0155) 3 hrs. lect. **SOC** *(C. Craven)*

ECON 0225 Theories of Economic Development in Latin America (Fall 2017)

This course is designed to provide a survey of the most important issues facing Latin American policymakers today. The course will place contemporary problems in their historical perspective and will use applied economic analysis to examine the opportunities and constraints facing the economies of Latin America. (ECON 0150) 3 hrs. lect. **AAL**, **AMR**, **CW**, **SOC** *(J. Maluccio)*

ECON 0228 Economics of Agricultural Transition (Fall 2017)

In 1860 farmers made up over half the population of this country and fed about 30 million people. Today they number 2% of the population and produce more than enough to feed 300 million people. In this course we will look at the history, causes, and results of this incredible transformation. While studying the economic forces behind the changing farming structure, we will examine farm production, resources, technology, and agricultural policy. Field trips to local farms and screenings of farm-related videos and movies will incorporate the viewpoint of those engaged in agriculture. (ECON 0150 or ECON 0155) 2hrs. lect., 2 hrs. lab **AMR**, **NOR**, **SOC** *(S. Pecsok)*

ECON 0229 Economic History and History of Economic Thought (Fall 2017)

Economic History and History of Economic Thought
This course will provide an introduction to economic history and the history of economic thought. We will investigate and understand the causes and consequences of important historical events and trends, such as industrialization and globalization, from an economic perspective. We devote considerable attention to the dissemination throughout Europe of new industrial and agricultural practices originating in Britain. Along the way, we evaluate how prominent economists perceived and analyzed the events of their time. (ECON 0150, ECON 0155) 3 hrs. lect. **EUR**, **HIS**, **SOC** *(A. Gregg)*

ECON 0232 The Chinese Economy (Fall 2017)

In this course we will explore the economic development of China up until the present day, giving particular attention to the socialist era and the post-1978 reforms. Specific topics to be covered will include growth and structural change, the urban-rural divide, the state’s ongoing role in the economy, demography, and the country’s integration into the global economy. (ECON 0150 orECON 0155; or by approval) 3 hrs. lect. **AAL**, **NOA**, **SOC** *(W. Pyle)*

ECON 0234 Economics of Africa (Spring 2018)

Sub-Saharan Africa is home to some of the poorest and some of the fastest growing economies in the world. In this course, we will explore the opportunities for sustained, inclusive economic growth in sub-Saharan Africa, the challenges that must be overcome in realizing these opportunities, and the policy options for overcoming these challenges. Topics may include demography, institutions, infrastructure, agriculture, urbanization, climate change, health, natural resources, mobile technology, trade, and regional integration. Students will be exposed to relevant economic theory and recent empirical economic research on Africa. (ECON 0150 and ECON 0155; or by approval) This course counts as elective credit towards the Economics major and IPEC major. **AAL**, **SAF**, **SOC** *(O. Porteous)*

ECON 0240 Int'l Econ: Theory & Policy (Fall 2017, Spring 2018)

International Economics: Theory and Policy *
This course provides an overview of international trade and finance. We will use economic theory to help us understand how and why countries interact in the global economy and evaluate the effects of different trade, exchange rate, and macroeconomic policies. Topics covered will include the reasons for trade, the winners and losers from trade, trade policies, trade agreements, exchange rates, the balance of payments, causes of and solutions to financial crises, and the role of the WTO and IMF. ECON 0240 does not count towards the ECON major or minor requirements. (ECON 0150 and ECON 0155) 3 hrs. lect. *(O. Porteous)*

ECON 0250 Macroeconomic Theory (Fall 2017, Spring 2018)

Macroeconomic theory analyzes whether the market effectively coordinates individuals' decisions so that they lead to acceptable results. It considers the effectiveness of monetary, fiscal, and other policies in achieving desirable levels of unemployment, inflation, and growth. The theories held by various schools of economic thought such as Keynesians, monetarists, and new classicals are considered along with their proposed policies. (ECON 0150) 3 hrs. lect. *(L. Davis, J. de Souza, K. Sargent)*

ECON 0255 Microeconomic Theory (Fall 2017, Spring 2018)

Microeconomic theory concentrates on the study of the determination of relative prices and their importance in shaping the allocation of resources and the distribution of income in an economy. We will study the optimizing behavior of households in a variety of settings: buying goods and services, saving, and labor supply decisions. We will also examine the behavior of firms in different market structures. Together, the theories of household and firm behavior help illumine contemporary economic issues (discrimination in labor markets, mergers in the corporate world, positive and negative externalities, for example). (MATH 0121 and ECON 0155) 3 hrs. lect. *(Fall 2017: M. Abel, J. Berazneva; Spring 2018: J. Carpenter, M. Abel, W. Pyle)*

ECON 0265 Environmental Economics (Fall 2017, Spring 2018)

This course is dedicated to the proposition that economic reasoning is critical for analyzing the persistence of environmental damage and for designing cost-effective environmental policies. The objectives of the course are that each student (a) understands the economic approach to the environment; (b) can use microeconomics to illustrate the theory of environmental policy; and (c) comprehends and can critically evaluate: alternative environmental standards, benefits and costs of environmental protection, and incentive-based environmental policies. (ECON 0155) 3 hrs. lect. *(J. Berazneva)*

ECON 0280 Game Theory (Fall 2017, Spring 2018)

Game theory is general in scope and has been used to provide theoretical foundations for phenomena in most of the social and behavioral sciences. Economic examples include market organization, bargaining, and the provision of public goods. Examples from other behavioral sciences include social dilemmas and population dynamics. In this course students will learn the basics of what constitutes a game and how games are solved. (ECON 0155 and MATH 0121 required; ECON 0255 recommended) 3 hrs. lect. *(Fall 2017: J. Carpenter; Spring 2018: A. Robbett)*

ECON 0329 Theory and Measurement in Economic History (Spring 2018)

Economic historians study past events, employing diverse methodologies to understand technology adoption, market integration, and the effect of institutions on performance. In this course we will focus on strategies economists use to learn about the past itself and to use past events to understand how all economies function. We will ponder especially conflicts and complementarities between theoretical and empirical reasoning. Each student will complete a research proposal that justifies applying a set of tools to address an economic history question. (ECON 0210 and ECON 0240 or ECON 0255; or by approval) 3 hrs. sem. **CMP**, **CW**, **HIS**, **SOC** *(A. Gregg)*

ECON 0350 Advanced Macroeconomic Theory and Policy (Spring 2018)

In this course we will build on ECON 0250 to further develop the analytical tools for exploring key macroeconomic outcomes and policy. Topics covered may include, but are not limited to, economic growth; distribution; institutions; monetary, fiscal and macroprudential policy; and behavioral macroeconomics. We will explore modern developments in macroeconomic theory, and compare and critically evaluate the ability of different theoretical perspectives to provide insight into current events and the efficacy of macroeconomic policy (ECON 0240 or ECON 0250 and MATH 0121, or equivalent) 3 hrs. lect. *(L. Davis)*

ECON 0352 Structuralist Macroeconomics: Theory and Policies for Developing Countries (Spring 2018)

In this course we will examine key macroeconomics challenges faced by developing countries . In contrast to the senior seminar in Macroeconomics of Development, which focuses on long-run growth, this course focuses on short-run and medium-run macroeconomic issues; as such, it builds more closely on the Macroeconomic Theory core course. The topics covered include structural constraints on aggregate demand, fiscal and monetary policies, distributive conflict, and debt. We will examine these topics through a combination of formal theoretical models and real-world applications. (MATH 0121 and ECON 0240 or ECON 0250) 3 hrs. lect. **AAL**, **SAF** *(J. de Souza)*

ECON 0399 Introduction to Behavioral and Experimental Economics (Fall 2017)

This course surveys research incorporating psychological and other experimental evidence into economics. Topics will include: attitudes towards risk (e.g., prospect theory) and time (e.g., self-control); judgment and decision-making biases; fairness, altruism, and public goods contributions; bargaining and financial market anomalies; incentives (e.g., performance pay and nudges). (ECON 0255 required; ECON 0280 recommended) 3 hrs. lect. *(A. Robbett)*

ECON 0405 Economics of Discrimination (Fall 2017, Spring 2018)

In this seminar we will explore the economics of discrimination from both theoretical and empirical perspectives. After reviewing the main theoretical frameworks, we will discuss recent empirical studies on issues of discrimination associated with race, ethnicity, gender, or nationality, focusing on applications in the labor market. We will then investigate to what extent inter-group contact or policies such as quotas or affirmative action can address discrimination. Students will explore a specific topic of interest (e.g., police violence, sexual orientation, sport, education, etc.) in more detail and develop a research proposal. (ECON 0255 and ECON 0211 or ECON 0240) 3 hrs. sem. **CMP** *(M. Abel)*

ECON 0415 The Macroeconomics of Economic Development (Fall 2017)

In this course we will examine macroeconomic aspects of economic development. We will explore theoretical models combining insights from growth theory, classical development theory, and structuralist macroeconomics. Topics include dualism, surplus labor, increasing returns, poverty traps, and the role of external and demand constraints in the growth process. We will also review applied work and case studies, in order to understand how these theories illuminate concrete issues that have faced developing countries (ECON 0240 or ECON 0250) 3 hrs. sem. *(J. de Souza)*

ECON 0420 Globalization and US Inequality (Spring 2018)

Does globalization increase inequality in the United States? In this course we will study how trade, automation, immigration, and financial integration relate to the distribution of income, wealth, and employment in the US over the last century. In the first part of the course we will study theoretical frameworks to shed light on this question. In the second part, we will turn to the data and read peer-reviewed articles, discussing evidence for and against globalization increasing US inequality. Lastly, we will debate policy prescriptions, to address these issues. (ECON 0211 and ECON 0240 or ECON 0250) 3 hrs. sem. **AMR**, **NOR** *(E. Wolcott)*

ECON 0428 Population Growth and the Global Future (Fall 2017)

This course will show how economic analysis can be used to assess the impact of rapid population growth on economic development, the environment, and economic inequality. It will analyze the rapid "graying" of the industrialized countries and their struggle to cope with international migration. It will assess the causes of urban decay in the North and the explosive growth of cities in the South. The course will consider household-level decision-making processes; the effects of changing family structures; and the need to improve the status of women. (ECON 0250 or ECON 0255) 3 hrs. sem. *(D. Horlacher)*

ECON 0429 Trade and Foreign Aid in Latin America (Spring 2018)

This course is designed to provide an in-depth examination of a number of critical issues that currently confront policymakers in Latin America. The topics of development, regionalization and free trade, and the efficacy of foreign aid will be analyzed in the context of Latin American economic development. (ECON 0240, ECON 0250, or ECON 0255) 3 hrs. sem. **AAL**, **AMR** *(J. Maluccio)*

ECON 0430 The Post-Communist Economic Transition (Spring 2018)

This seminar will use the “natural experiment” of the post-communist transition to better understand the origin and consequences of various economic and political institutions. Drawing on research related to China and Russia as well as other formerly communist economies in Europe and Asia, we will explore such themes as property rights reform, the finance-growth nexus, contract enforcement institutions, and the economic consequences of corruption and different political regimes. (ECON 0210 or MATH 0310 or MATH 0311 and ECON 0240 or ECON 0250, or by approval) **CMP** *(W. Pyle)*

ECON 0431 Economics of the European Union (Fall 2017, Spring 2018)

This course will introduce students to the major economies of Western Europe and also the economic functions and structure of the institutions of the European Union. The course aims to familiarize students with the theoretical economic and policy issues that are currently of concern in the European Union. Moreover, the course aims to analyze economic problems that are of particular relevance to the member states of the European Union, such as the coordination of policies within an intergovernmental supranational framework and how to sustain the integration dynamic. (ECON 0250) 3 hrs. sem. **EUR** *(K. Sargent)*

ECON 0445 International Finance (Fall 2017, Spring 2018)

An analysis of the world's financial system and the consequences for open economies of macroeconomic interdependence. Particular topics include: exchange rate determination, balance of payments adjustments, and monetary and fiscal policies in open economies. Special attention is paid to the issues and problems of the European Economic Community and European integration and debt in developing countries. (ECON 0240 or ECON 0250) 3 hrs. sem. *(D. Munro)*

ECON 0448 Inequality and Exclusion (Fall 2017, Spring 2018)

Are we all equal stakeholders in this economy? What are the patterns of exclusion in different societies? How does material deprivation interact with other types of exclusion? In this course we will study the determinants and manifestations of inequality in the U.S. and in the world. Using a historical perspective, we will analyze how inequalities evolve by looking at topics such as education, gender, the environment, political systems, and race/ethnicity. (ECON 0210 and ECON 0240 or ECON 0250) 3 hr. sem. **SOC** *(L. Arroyo Abad)*

ECON 0466 Environment and Development (Spring 2018)

Climate change, air pollution, tropical deforestation: there is little doubt that economic development affects, and is affected by, the global and local environment and natural resources. In this course we will explore the complex relationship between environment and development using the theoretical and empirical tools of applied economic analysis. We will begin with pioneering research papers on the empirics of economic growth, examine the macroeconomic evidence, and then move to the micro foundations of the poverty-environment nexus. Major topics will include the resource curse and environmental Kuznets curve hypotheses, approaches for understanding responses to climate variability and disasters in poor communities, management of natural resources in smallholder agriculture, choosing policy instruments for pollution reduction, conservation, and environmental protection, and relationships between human health and the environment. We will conclude with a number of selected topics and issues of contemporary policy relevance. (ECON 0210 and ECON 0240 or ECON 0255; or by approval) 3 hrs. sem. **SOC** *(J. Berazneva)*

ECON 0475 Monetary Theory and Financial Markets (Fall 2017)

This seminar is concerned with financial markets and their relationship to the broader macroeconomy, with a particular focus on recent developments, including, but not limited to, financialization. (ECON 0250) 3 hrs. sem. (L. Davis) *(L. Davis)*

ECON 0499 Research in Behavioral and Experimental Economics (Fall 2017)

In this seminar we will consider current research topics in behavioral and experimental economics. Although the theme for the course is likely to change from semester to semester, all students will design their own study, gather decision-making data, and write a research paper summarizing their main findings. (ECON 0255 and one of the following: ECON 0280 or ECON 0399) 3 hrs. sem. *(A. Robbett)*

ECON 0500 Individual Special Project (Fall 2017, Spring 2018)

If you choose to pursue an area that we do not offer or go in depth in an area already covered, we recommend the Individual Special Project option. These ECON 0500 proposals MUST be passed by the entire department and are to be submitted to the chair by the first Friday of fall and spring semester, respectively. The proposals should contain a specific description of the course contents, its goals, and the mechanisms by which goals are to be realized. It should also include a bibliography. According to the College Handbook, ECON 0500 projects are a privilege open to those students with advanced preparation and superior records in their fields. A student needs to have a 3.5 or higher G.P.A. in Economics courses taken at Middlebury in order to pursue an Individual Special Project. ECON 0500 does not count towards the major or minor requirements.

ECON 0701 Senior Research Workshop I (Fall 2017)

In this first semester, students will design and begin their projects. Emphasis will be on designing a novel research question (while making the case for its importance) and an appropriate strategy for answering it. This requires immersion in the academic literature on the topic. General research principles and tools will be taught in class, as a group, while those specific to individual projects will be covered in one-on-one meetings. By the end of the term, students will outline their plan for completing the project, including demonstrating that it is a feasible research question for which the necessary information (e.g., data or source materials) is available or can be generated by the student (e.g., lab or other experiment). (Approval required) *(J. Carpenter, E. Gong)*

ECON 0702 Senior Research Workshop II (Spring 2018)

In this second semester of the senior research workshop sequence, the focus is on the execution of the research plan developed in ECON 0701. Most instruction is now one-on-one but the workshop will still meet as a group to discuss and practice the presentation of results in various formats (seminars, poster sessions, et cetera) to the rest of the workshop and others in the college and broader communities. Feedback and critiques from such presentations will be incorporated into the project, which will culminate in a research paper in the style of an economics journal article. (ECON 0701; Approval required) *(C. Myers, A. Robbett)*

↑ Top

Program in Education Studies

The study of Education necessitates an understanding of the reasons for the deep inequities that characterize education in the USA and other countries of the world. Through the investigation of educational theory, policy, research and practice from a variety of disciplinary perspectives students learn to think critically and creatively about the processes of teaching and learning and about the place of education in society. Effective fall 2017, Education Studies offers a double-major for those students who seek teacher licensure in either elementary (EDEL) or secondary (EDSL) education and a minor in general education (EDGW) for those who are interested in the field of education, but who do not seek teacher licensure. [Students may not choose to major in Education Studies as a stand-alone major. The double major option is available only to those students seeking teacher licensure.] Students who matriculated to Middlebury prior to fall 2017 should speak to the Program Director about maintaining their current program of study.

Requirements for the Double Major in Teacher Licensure
Students interested in earning a Vermont teaching license should meet with the Director of the Education Studies Program as soon as possible in their course of study. The four, state-required elements that must be satisfactorily completed in order to be recommended for Vermont initial educator licensure are: (i) Relevant coursework that satisfies the content requirements of the endorsement, (ii) Professional Semester, (iii) Vermont Licensure Portfolio, and (iv) state required examinations such as Praxis. The specific requirements for elementary and secondary teacher licensure are as follows:

Elementary Licensure
Required for major, Elementary Licensure: A major in another discipline. EDST 0115A (Education in the USA), EDST 0215 (Culturally Responsive Pedagogy), EDST 0300 (Models of Inclusive Education), EDST 0305 (Elementary Literacy and Social Studies Methods), EDST 0306 (Elementary Science Methods), EDST 0307 (Elementary Math Methods), EDST 0317 (Children and the Arts) or approved art internship, Professional Semester (see below). PSYC 0225 (Child Development), PSYC 0327 (Educational Psychology).

- Elementary licensure students must complete *both* the SCI and DED Distribution Requirements.

Secondary Licensure
Required for major, Secondary Licensure: A major in the endorsement area. EDST 0115A (Education in the USA), EDST 0215 (Culturally Responsive Pedagogy), EDST 0300 (Models of Inclusive Education), EDST 0327 (Field Experience in Secondary and Special Education); EDST 0505 (Independent Study Secondary Methods taken twice with different placements) and the Professional Semester (see below). PSYC 0216 (Adolescence); PSYC 0327(Educational Psychology).

- Middlebury College is authorized to recommend licensure in the following subject areas for secondary education (7-12): Modern and Classical Languages: French, German, Russian, Spanish; Computer Science; English; Mathematics; Science; Social Studies. Art (preK-12).

- In order for secondary licensure candidates to be recommended for licensure they must meet Vermont content endorsement requirements. Generally, this means that students should select their second major in the content area they wish to teach.

Professional Semester
(Fall semester only; by application and approval): Students who elect to pursue licensure either in Elementary (K-6) or Secondary (7-12) education must apply to the Education Studies program for acceptance into the Professional Semester. The Professional Semester is a four credit, full-time, student teaching experience in a local school, with a master teacher, and under the supervision of a college designated supervisor. Upon acceptance to the Professional Semester, students complete EDST 0410 (the student teaching seminar) and either EDST 0405-7 (elementary) or EDST 0415-17(secondary). Education Studies faculty, in consultation with the student and prospective master teacher, make the final decision regarding where and with whom a student is placed for the Professional Semester. Students may elect to complete the Professional Semester in either their senior year or post graduation in a ninth semester.

Requirements for the minor in Education Studies (EDGW)
Students interested in completing a minor in Education Studies should meet with a professor in the Education Studies Program to organize a thoughtful course of study. The Education Studies minor consists of five courses two of which are required and three of which are selected at the discretion of the student under consultation with an EDST faculty advisor. There is no option for a major in general Education Studies.

1. Required (2 courses):

- EDST 0115 (Education in the USA) Prerequisite for all EDST courses.
- EDST 0430 (Senior Seminar in Education Studies).

Students must complete three of the 5 required courses prior to enrolling in the Senior Seminar. Required for all students who matriculate fall 2017 and after.

1. Electives (3 courses):

- Any three other EDST courses (see course listing).
- One of the following three PSYC courses may count towards the minor: PYSC 0216 (Adolescence), PSYC 0225 (Child Development), PSYC 0327 (Educational Psychology).
- One of the following three SOAN courses may count towards the minor: SOAN 0215 (Sociology of Education), SOAN 0351 (Education and Social Policy), SOAN 0430 (Higher Education and Society).

Students may seek to include a course that is not listed above, a course to be taken abroad or a Winter Term internship as one of the five courses. In each instance, students must secure prior approval from Education Studies faculty for such a course to fulfill the requirements for the minor.

EDST 0102 English Language in Global Context (Spring 2018)

In this course, we will discuss and write about the dominance of English in the global landscape. The course reader, *The Handbook of World Englishes* (2006), offers an interdisciplinary approach to the topic. We will begin the course with a geographic and historical overview of World Englishes and then will examine the impact of English language dominance on individuals and societies, emphasizing themes such as migration, globalization, education, and identity. Throughout the course, we will explore the relevance of these issues to educators, linguists, and policy-makers around the world. **CMP**, **SOC** *(S. Shapiro)*

Cross-listed as: WRPR 0102 *

EDST 0115 Education in the USA (Fall 2017, Spring 2018)

What are schools for? What makes education in a democracy unique? What counts as evidence of that uniqueness? What roles do schools play in educating citizens in a democracy for a democracy? In this course, we will engage these questions while investigating education as a social, cultural, political, and economic process. We will develop new understandings of current policy disputes regarding a broad range or educational issues by examining the familiar through different ideological and disciplinary lenses. 3 hrs. lect./1 hr. disc. **AMR**, **NOR**, **SOC** *(Fall 2017: J. Miller-Lane, T. Affolter; Spring 2018: T. Affolter, S. Hoffman)*

EDST 0125 Introduction to Mindfulness (Fall 2017)

Students will learn and intensively practice, basic sitting and walking meditation. We will use the breath to foster relaxed attention and to gain perspective on our restless minds. Emphasis will be on using these techniques in daily life and academic endeavors. We will read texts from the contemporary American, Tibetan, and Zen Buddhist traditions, although meditation will be employed in nonsectarian fashion applicable to any belief system. Students will reflect on their learning through papers and presentations. No meditation experience necessary. (Not open to students who have taken FYSE1393 or INTD1125) 3 hrs. lect **AAL**, **NOA**, **PHL**, **WTR** *(J. Huddleston)*

Cross-listed as: INTD 0125

EDST 0210 Sophomore Seminar in the Liberal Arts (Fall 2017, Spring 2018)

This course is designed for sophomores who are interested in exploring the meaning and the purpose of a liberal arts education. To frame this investigation, we will use the question "What is the good life and how shall I live it?" Through an interdisciplinary and multicultural array of readings and films we will engage our course question through intellectual discussion, written reflection, and personal practice. There will be significant opportunities for public speaking and oral presentation, as well as regular writing assignments, including a formal poster presentation. Readings will include reflections on a liberal arts education in the U.S. (Emerson, Brann, Nussbaum, Oakeshott, Ladsen-Billings, bell hooks); on "the good life" (excerpts from Aristotle, sacred texts of different traditions); on social science analyses of contemporary life; texts on the neuroscience of happiness; as well as literary and cinematic representations of lives well-lived. **CMP**, **CW** *(Fall 2017: J. Miller-Lane, D. Evans, H. Young; Spring 2018: J. Berg, M. Wells, J. Miller-Lane)*

Cross-listed as: INTD 0210 *

EDST 0215 Culturally Responsive Policy and Pedagogy (Fall 2017)

Building on the work of Gloria Ladson-Billings' culturally relevant pedagogy, Django Paris developed a theory of culturally sustaining pedagogy that "seeks to perpetuate and foster—to sustain linguistic, literate, and cultural pluralism," for students in schools (Paris, 2012). In this course we examine how teachers might sustain and support students in classrooms and how educational policy might better address and respond to the rich diversity in our schools and communities. This is a required course for all students seeking a Vermont teaching licensure. (EDST 0115) 3 hrs. lect. **AMR**, **CMP**, **NOR**, **SOC** *(T. Affolter)*

EDST 0226 The Boarding School in Fiction and Fact (Fall 2017)

From *Tom Brown's School Days* to *Prep*, writers have commemorated the boarding school experience. Through studying novels, short stories, memoir excerpts, and films, we will identify recurring archetypes and consider how these have changed over time. We will examine the reciprocal relationship between these schools and society. Do these schools have an agenda beyond their professed ones? How do they contribute to the formation of social power structures? We will look at not only the traditional Anglo-American experience but also that of Native Americans, Chinese, Indian, and others. Readings will include works by John Knowles, P. G. Wodehouse, Curtis Sittenfeld, Anita Shreve, and Han Han. (This course is not open to students who have taken ENAM/EDST 1019) **CMP**, **CW** (2 seats), **LIT** *(K. Kramer)*

Cross-listed as: ENAM 0226 *

EDST 0242 The Non-Native Speaker in a Multilingual World (Spring 2018)

In this course we will address linguistic, educational, and ideological dimensions of the non-native speaker identity and multilingual societies. What does it mean to be a non-native speaker? Why is this linguistic identity considered by some to be a stigma and by others to be a privilege? How do societies succeed in and fail at integrating speakers of different languages? In which ways do language policies and educational practices in the United States and around the world reflect linguistic and social realities? 3 hrs. lect./disc. **CMP**, **SOC** *(P. Urlaub)*

Cross-listed as: LNGT 0242 *

EDST 0300 Models of Inclusive Education (Spring 2018)

In this course we will focus on strategies and techniques for including students with diverse learning styles in general education environments. Legal, theoretical, philosophical, and programmatic changes leading toward inclusive models of education will be approached through a historical overview of special education for students with disabilities. Additionally, the course works to expand notions of inclusion such that students' multiple identities are incorporated into all learning. Emphasis is given to the active learning models and differentiated curriculum and instruction to accommodate a range of learners with diverse disabilities, abilities, and identities. (EDST 0115 or SOAN 0215 or AMST 0105). **AMR**, **NOR**, **SOC** *(T. Affolter)*

EDST 0305 Reading & Writing the World: Teaching Literacy and Social Studies in the Elementary School (Fall 2017)

In this course, we examine what it means to be literate in the 21st century and ways in which all students can be empowered by the texts and teaching they encounter in schools. Students will develop their ability to enact literacy instruction based on current research about how children learn to read and write. We will take a critical look at texts—fiction, nonfiction, and historical—to consider the ways that texts read and write the world, develop abilities to select texts that empower all learners, and analyze retellings of historical events/persons to take into account multiple perspectives. Many class sessions occur onsite at a local elementary school to provide consistent practice and supportive feedback on authentic components of teaching (transportation provided). In addition to class sessions, students will complete field experiences in a K-6 classroom in the Middlebury area to see the workings of an entire class. 3 hrs. lect./1 hr. disc. *(T. Weston)*

EDST 0307 Elementary Math Methods (Spring 2018)

In this course we will approach mathematics as the construction of ideas rather than the memorization of facts and rules. We will investigate children's mathematical reasoning, how to construct learning experiences to advance conceptual development, and how a social justice stance enables math to be a source of empowerment for children. Many class sessions occur at a local elementary school (transportation provided) so students can ground their thinking about course topics within a school, and consistently practice and receive feedback on authentic components of teaching. Students will also complete field experiences in a local K-6 classroom and Vermont licensure requirements. (EDST 0306) 3 hrs. lect./1 hrs. disc *(T. Weston)*

EDST 0375 International and Cross Cultural Education (Fall 2017)

Who gets to own knowledge? Who can acquire it? How do we construct advantage and disadvantage? Comparative and international education examines the intersection of culture and education and the ways they are inextricably related through history, politics, and literature. In this course we will explore major concepts, trends, and methodologies across disciplines, focusing on the effects of globalization, the maintenance and dissolution of borders, the commodification of knowledge, the social creation of meaning, and the consequences of those constructions. We will examine global educational traditions and realities on the ground in case studies of Western and developing nations. **CMP**, **SOC** *(C. Cooper)*

EDST 0405 Student Teaching in the Elementary School (Fall 2017, Spring 2018)

A semester-long practicum in a local elementary school under the direct supervision of an experienced cooperating teacher. (Corequisite: EDST 0410) (Approval required) **non-standard grade** *(T. Weston)*

EDST 0406 Student Teaching in Elementary School (Fall 2017, Spring 2018)

See EDST 0405. (Approval required) **non-standard grade** *(T. Weston)*

EDST 0407 Student Teaching in the Elementary School (Fall 2017, Spring 2018)

See EDST 0405. (Approval required) **non-standard grade** *(T. Weston)*

EDST 0410 Student Teaching Seminar (Fall 2017, Spring 2018)

Concurrent with student teaching, this course is designed to provide guidance in curriculum development and its implementation in the classroom, and to explore issues related to the teaching process and the profession. Students will construct a Teaching Licensure Portfolio as well as exchange ideas about their student teaching experiences. Topics including technology, classroom management, special education, and assessment will be featured. The Vermont Framework of Standards and Learning Opportunities, the five Standards for Vermont Educators, the Principles for Vermont Educators, and ROPA-R will guide the development of the Teacher Licensure Portfolio. (Corequisite: EDST 0405, EDST 0406, EDST 0407 or EDST 0415, EDST 0416 EDST 0417) (Approval required) 3 hrs. lect. **CW** *(T. Weston)*

EDST 0415 Student Teaching in the Middle School/High School (Fall 2017, Spring 2018)

A semester-long practicum in a local middle or high school under the direct supervision of an experienced cooperating teacher. (Corequisite: EDST 0410) (Approval required) **non-standard grade** *(Fall 2017: J. Miller-Lane; Spring 2018: T. Weston)*

EDST 0416 Student Teaching in the Middle School/High School (Fall 2017, Spring 2018)

See EDST 0415. (Approval required) **non-standard grade** *(Fall 2017: J. Miller-Lane; Spring 2018: T. Weston)*

EDST 0417 Student Teaching in the Middle School/High School (Fall 2017, Spring 2018)

See EDST 0415. (Approval required) **non-standard grade** *(Fall 2017: J. Miller-Lane; Spring 2018: T. Weston)*

EDST 0430 Senior Seminar in Education Studies (Fall 2017)

In this capstone seminar for General Education minors, students will engage, analyze, and offer solutions to real world problems in the current landscape of education. We will read extensively in the field, consider multiple research methods and approaches, and enlist community experts. Working across disciplines and collaboratively, students will create final projects that integrate and apply what they have learned in their coursework, developing and enhancing skills for creative problem solving and leadership in the field. Final projects will vary; all students will make oral presentations. (three of five required courses for the general EDST minor.) 3 hrs. Sem. **SOC** *(C. Cooper)*

EDST 0500 Independent Project (Fall 2017, Spring 2018)

(Approval Required)

EDST 0505 Independent Study - Secondary Methods (Fall 2017, Spring 2018)

This course is for students who are pursuing a VT teaching license in a Secondary content area. Students are required to commit to a school placement under the guidance and supervision of a certified, secondary VT teacher. The content of the course will be developed collaboratively by the EDST professor overseeing the independent student, the VT secondary teacher who is overseeing the school placement, and the student. Regular meetings involving all three will take place throughout the semester. The exact meeting schedule will be determined on a case by case basis. Students will complete assignments that address the requirements of the VT Educator Portfolio. (EDST0115, EDST0225 and relevant courses in Psychology). By Approval only. Interested students must meet with the Director of Education Studies. *(Fall 2017: J. Miller-Lane, T. Affolter, S. Hoffman; Spring 2018: J. Miller-Lane)*

↑ Top

Department of English & American Literatures

All students declaring an ENAM major, joint major, or minor beginning Fall 2015 will adopt the following requirements. Students who declared their major prior to Fall 2015 may choose whether to adopt these requirements or to complete their study following the old requirements (see below).

Requirements for the Major: Students majoring in English and American Literatures will take a total of 12 classes in the ENAM department (transfer credits from other institutions must be approved). Of these, three are required classes: 1) ENAM 0103 or CMLT 0101; 2) ENAM 0205; 3) ENAM 0700 or CRWR 0701* (Senior Thesis). Students will then choose nine electives from the available course offerings, making sure that these courses satisfy the following distribution requirements**.** A single course may fulfill more than one distribution requirement.

- at least **three** will be devoted to literature (English, British, and/or American) before 1800, and only one of the three used to meet this requirement may be a Shakespeare course. These courses will bear the (*Pre-1800)* designation.
- At least **one** will be a junior seminar. All 04XX courses in ENAM are junior seminars.
- at least **one** will be devoted to American Literature before 1900. These courses will bear the (*Pre-1900 AL)* designation.
- at least **one** will expose students to cultural diversity in Literatures in English. Such courses are centrally concerned with material and approaches attending to differences in race, ethnicity, class, gender, and/or sexuality. These courses will bear the departmental (*Diversity)* designation.

These requirements are intended to offer students broad and historically grounded training in the discipline as well as a range of different pathways through the major. Students should confer closely with their advisers concerning their choices of electives.
With the exception of CRWR 0701, which fulfills the senior work requirement for the ENAM major, creative writing classes do not fulfill ENAM major requirements. LITS 0705, Senior Colloquium in Literary Studies, may be used to fulfill the Junior Seminar requirement in ENAM. Students should plan to complete a Junior Seminar prior to beginning a critical senior thesis project.
*Students wishing to complete a CRWR 0701 senior thesis will first need to complete one introductory (0100-level) CRWR workshop and two advanced (0300-level) workshops prior to beginning the thesis.
Requirements for the Joint Major: A joint major in English and American Literatures requires a minimum of eight ENAM courses, including three required courses: 1) ENAM 0103 or CMLT 0101; 2) ENAM 0205; 3) *ENAM 0700 or CRWR 0701, a joint thesis project that integrates both parts of the major. In addition, students will choose at least five electives from the available offerings, making sure that these courses satisfy the following distribution requirements. A single course may fulfill more than one distribution requirement:

- At least **one** course will be devoted to literature (English, British, and/or American) before 1800. These courses will bear the *(Pre-1800)* designation.
- At least **one** will be a junior seminar. All ENAM 04XX classes are junior seminars.
- At least **one** will be devoted to American Literature before 1900. These courses will bear the (*Pre-1900 AL)* designation.

- At least **one** will expose students to cultural diversity in Literatures in English. Such courses are centrally concerned with material and approaches attending to differences in race, ethnicity, class, gender, and/or sexuality. These courses will bear the departmental *(Diversity)* designation.

*Students wishing to undertake a joint major in ENAM and Theatre should be advised that senior work will normally consist of two full-credit classes, ENAM 0708 and THEA 0708. We strongly recommend that these classes be taken in the same semester, with the understanding that a central goal of the joint major is the thorough integration of both aspects of the joint major. A single-credit, single-semester joint project remains an option for those who wish to pursue a joint thesis that does not include a practical component such as acting or directing.
Requirements for the Minor: Students minoring in English and American Literatures will take a minimum of six courses, including ENAM 0103 or CMLT 0101 and five electives, chosen carefully to satisfy the following distribution requirements. A single course may fulfill more than one distribution requirement:

- At least **one** course will be devoted to literature (English, British, and/or American) before 1800. These courses will bear the *(Pre-1800)* designation.
- At least **one** will be a junior seminar. All ENAM 04XX classes are junior seminars.
- At least **one** will be devoted to American Literature before 1900. These classes will bear the *(Pre-1900 AL)* designation.
- At least **one** will expose students to cultural diversity in Literatures in English. Such courses are centrally concerned with material and approaches attending to differences in race, ethnicity, class, gender, and/or sexuality. These courses will bear the departmental *(Diversity)* designation.

OLD Requirements

Requirements for the Major: Twelve courses are required of all students majoring in English and American Literatures. 1) ENAM 0103 or CMLT 0101; 2) ENAM 0201 or 0204; 3) ENAM 0205; 4-5) two courses concerning literature written prior to the year 1700 (Period I); 6-7) two courses concerning literature written between 1700 and 1910 (Period II), at least one of which must concern American Literature (AL); 8-10) three ENAM electives; 11) an ENAM Junior Seminar (4xx); and 12) a senior thesis. In addition, students wishing to write a creative senior thesis must complete three workshop courses (one at the 0100-level and two at the advanced level) prior to beginning the senior project. Creative writing workshops may NOT be used to fulfill other ENAM major requirements. LITS 0705, Senior Colloquium in Literary Studies can also be used to fulfill the Junior Seminar requirement in ENAM. Students should complete a Junior Seminar prior to beginning a critical senior thesis project.

Joint Major: A joint major in English and American Literatures requires a minimum of seven ENAM courses, including the following: 1) ENAM 0103 or CMLT 0101; 2) ENAM 0201 or 0204; 3) one ENAM course concerning literature written prior to the year 1700 (Period I); 4) one ENAM course concerning literature written between 1700 and 1910 (Period II); 5) one ENAM elective; and 6) an ENAM junior seminar (4xx). Of 3-6 above, at least one course must concern American literature (AL). Joint majors must also design a senior thesis project that brings together aspects of the two majors. Joint majors must be approved by the chairs of both departments or programs involved.
Students wishing to undertake a joint major in ENAM and Theatre should be advised that senior work will normally comprise two full-credit classes, ENAM 0708 and THEA 0708. We strongly recommend that these classes be taken in the same semester, with the understanding that a central goal of the joint major is the thorough integration of both aspects of the joint major. A

single-credit, single-semester joint project remains an option for those who wish to pursue a joint thesis that does not include a practical component such as acting or directing, and also for all students graduating in March 2015 or in May 2015, regardless of the kind of project, under the former requirements.

Minor: A minor in English and American Literatures requires six courses: 1) ENAM 0103 or CMLT 0101; 2) ENAM 0201 or 0204; 3) Four ENAM courses, at least one of which must concern literature written prior to the year 1700 (Period I), and one must concern American literature (AL).

Senior Program: The ENAM senior program consists of a required one-semester creative or critical thesis of 30-35 pages in length (ENAM 0700, CRWR 0701). CRWR 0701 requires the prior completion of one 0100-level CRWR workshop and two 0300-level CRWR workshops and a grade of at least B+ in both 0300-level courses before undertaking a thesis. Students writing a critical thesis must enroll concurrently in the thesis workshop (ENAM 0710 or CRWR 0711). All students will participate in an oral defense of their work with the adviser and second reader of the project. Students are encouraged to complete their Junior Seminar requirement before embarking on their senior work.

Honors: Departmental honors will be awarded to those students who achieve a departmental GPA of 3.85 and above. In determining the numerical average of course grades, all courses designated ENAM will be counted, as will all other courses that fulfill requirements for the major. Joint majors are eligible to receive honors. In determining joint honors, all courses that fulfill requirements for both majors will be counted.

Courses for Non-Majors: The Department of English and American Literatures offers a wide variety of courses in literature that are open without prerequisite to all students in the college. These include most 0100 and 0200-level courses and some 0300-level courses. The ENAM 0103/CMLT 0101, 0201/0204 sequence is intended for declared or potential majors and minors. The 0100 level courses are recommended for students, primarily in their first or second years, with interests in comparative, thematic, and theoretical approaches to literature. They are especially suitable for meeting the colleges Literature (LIT) distribution requirement.

CRWR 0106 Writing for the Screen I (Fall 2017)

In this course we will examine the fundamental elements of dramatic narrative as they relate to visual storytelling. We will emphasize the process of generating original story material and learning the craft of screenwriting, including topics such as story, outline, scene structure, subtext, character objectives, formatting standards, and narrative strategies. Weekly writing assignments will emphasize visual storytelling techniques, tone and atmosphere, character relationships, and dialogue. Students will be required to complete two short screenplays. Required readings will inform and accompany close study of selected screenplays and films. (FMMC 0101 OR CRWR 0170 or approval of instructor) (Formerly FMMC/ENAM 0106) 3 hrs. sem. **ART** *(D. Miranda Hardy)*

Cross-listed as: FMMC 0106 *

CRWR 0170 Writing: Poetry, Fiction, NonFiction (Fall 2017, Spring 2018)

An introduction to the writing of poetry, short fiction, and nonfiction through analysis of writings by modern and contemporary poets and prose writers and regular discussion of student writing. Different instructors may choose to emphasize one literary form or another in a given semester. Workshops will focus on composition and revision, with particular attention to the basics of form and craft. This course is a prerequisite to CRWR 0380, CRWR 0385, CRWR 0370, and CRWR 0375. (This course is not a college writing course.) (Formerly ENAM 0170) 3 hrs. sem. **ART** *(Fall 2017: K. Kramer, C. Shaw; Spring 2018: R. Cohen)*

CRWR 0173 Environmental Literature: Reading & Writing Workshop (Fall 2017, Spring 2018)

This course is an introduction to the reading and writing of environmental literature. We will analyze classic and contemporary model works in prose and poetry, in nonfiction and fiction, all directed at human interaction with the natural world. Our writing assignments will explore this theme in personal essays, poems, literary reportage, poetry, and fiction. Workshops will focus on inspiration, form, craft, and thematic issues associated with the environment. This course is a prerequisite to CRWR 0370, CRWR 0375, CRWR 0380, and CRWR 0385. **ART**, **LIT** *(D. Bain)*

CRWR 0175 The Structure of Poetry (Fall 2017)

This course is a workshop for beginning students in the field of creative writing. Students will read a selection of poems each week and write their own poems, producing a portfolio of their work at the end of the term. There will be an emphasis on revision. Students will be introduced to a range of forms as well, including prose poems, epistles, the tanka, the long poem, and the sonnet. **ART** *(K. Gottshall)*

CRWR 0218 Playwriting I: Beginning (Fall 2017, Spring 2018)

The purpose of the course is to gain a theoretical and practical understanding of writing for the stage. Students will read, watch, and analyze published plays, as well as work by their peers, but the focus throughout will remain on the writing and development of original work. (Formerly THEA/ENAM 0218) **ART**, **CW** *(D. Yeaton)*

Cross-listed as: THEA 0218 *

CRWR 0333 Writing On Contemporary Issues: Writing, Editing, and Publishing Online (Spring 2018)

This course is an introduction to writing prose for a public audience. Students will create both critical and personal essays that feature strong ideas and perspectives. The readings and writing will focus on American popular culture, broadly defined. Essays will critically engage elements of contemporary American popular culture via a vivid personal voice and presence. Readings will address current issues in popular culture – Gladwell, “Brain Candy,” Klosterman, “Campus Confidential,” for instance. *ReMix: Reading in Contemporary Culture* is the central text. The end result will be a new online magazine of writings on American popular culture 3 hrs. lect. **AMR**, **ART**, **CW**, **NOR**, **SOC** *(H. Vila)*

Cross-listed as: WRPR 0333 *

CRWR 0334 Writing and Experience: Exploring Self in Society (Fall 2017)

The reading and online writing for this course will focus on what it means to construct a sense of self in relation to the larger social world of family and friends, education, media, work, and community. Readings will include nonfiction and fiction works by authors such as Maya Angelou, James Baldwin, Andre Dubus, Tim O'Brien, Flannery O'Connor, Amy Tan, Tobias Wolff, and Alice Walker. Students will explore the craft of storytelling and the multiple ways in which one can employ the tools of fiction in crafting creative nonfiction and fiction narratives for a new online magazine on American popular culture. This magazine will have been created by students in Writing on Contemporary Issues. Narratives about self and society will therefore lean towards aspects of American popular culture. 3 hrs sem. **AMR**, **CW**, **LIT**, **NOR**, **SOC** *(H. Vila)*

Cross-listed as: WRPR 0334 *

CRWR 0341 Writing for the Screen II (Spring 2018)

Building on the skills acquired in Writing for the Screen I, students will complete the first drafts of their feature-length screenplay. Class discussion will focus on feature screenplay structure and theme development using feature films and screenplays. Each participant in the class will practice pitching, writing coverage, and outlining, culminating in a draft of a feature length script. (Approval required, obtain application on the FMMC website and submit prior to spring registration) 3 hrs. sem/3 hrs. screen. **ART** *(I. Uricaru)*

Cross-listed as: FMMC 0341 *

CRWR 0370 Workshop: Fiction (Fall 2017, Spring 2018)

Study and practice in techniques of fiction writing through workshops and readings in short fiction and novels. Class discussions will be based on student manuscripts and published model works. Emphasis will be placed on composition and revision. (ENAM/CRWR 0170, ENAM/CRWR 0175, or ENAM/CRWR 0185) (Approval required; please apply online at http://www.middlebury.edu/academics/enam/resources/forms or at the Department office) (Formerly ENAM 0370) (This course is not a college writing course) 3 hrs. sem. **ART** *(Fall 2017: R. Cohen; Spring 2018: K. Kramer)*

CRWR 0375 Advanced Poetry Workshop: The Walk of a Poem (Spring 2018)

As Lyn Hejinian writes, “Language makes tracks.” Poets from Chaucer to Whitman to O’Hara have used walking as a poetic method, thematic subject, narrative device, and pedestrian act. The walk is literal and imaginary, metrical and meandering; it traverses urban grids and bucolic landscapes, junctions of space, time, and lexis. In this workshop we will read the topographies of poems, focusing on lyrical cities from Paris to Harlem, Thoreauvian ambles through woods and field, and other literary wanderings and linguistic itinerancies, in order to examine how language gets made and mirrored in the act of moving through place. Students will also set out on walks through the local landscape as they produce their own work. Students will address crucial questions and challenges focused on the craft of poetry through rigorous readings, in-class writing exercises, critical discussions, collaborations, and the development of a portfolio of writing, including drafts and revisions. By the end of the course, students will have engaged deeply with the practice of poetry, established a writing discipline, honed their skills, generated new work, explored by foot, and extended their sense of the possibilities of a poem. **ART** *(K. Gottshall)*

CRWR 0380 Advanced Nonfiction Workshop (Spring 2018)

In this course we will study and practice techniques of nonfiction writing through contemporary essay and narrative nonfiction workshops and readings in the contemporary essay. Class discussions will be based on student manuscripts and published model works. Emphasis will be placed on composition and revision. (CRWR 0170, CRWR 0175, or CRWR 0185) (Approval Required; please apply at the department office in Axinn) (formerly ENAM 0380) **ART** *(C. Shaw)*

CRWR 0560 Special Project: Creative Writing (Fall 2017, Spring 2018)

Approval Required. *(Fall 2017: D. Evans, D. Price, C. Shaw, J. Berg, J. Bertolini, D. Brayton, K. Kramer, M. Newbury, E. Napier, T. Billings, A. Baldridge, J. Parini, Y. Siddiqi, M. Bertolini, C. Cooper, R. Cohen, M. Wells, C. Wright, K. Gottshall, A. Losano, D. Bain, B. Graves, B. Millier, W. Nash; Spring 2018: D. Evans, D. Price, K. Kramer, J. Berg, J. Bertolini, D. Brayton, C. Shaw, M. Newbury, E. Napier, B. Graves, A. Baldridge, J. Parini, Y. Siddiqi, M. Bertolini, W. Nash, R. Cohen, M. Wells, C. Wright, C. Cooper, K. Gottshall, A. Losano, T. Billings, D. Bain, B. Millier, P. Lourie)*

CRWR 0701 Senior Thesis: Creative Writing (Fall 2017, Spring 2018)

Discussions, workshops, tutorials for those undertaking one-term projects in the writing of fiction, poetry, or creative nonfiction.

ENAM 0103 Reading Literature (Fall 2017, Spring 2018)

Fall 2017

Section A

Reading Literature

This course is designed to develop techniques for reading and writing effectively and sensitively about literary works. We will read works across temporal, generic, and national boundaries, exploring the different critical methods of interpretation available to us. The course's organizing theme is the representation of *identity* (transgressive, mysterious, transforming, etc.) in literary works, and readings will be structured to allow us simultaneously to develop—and interweave--both the thematic and critical axes of our reading practices. Both aspects of the course will culminate in a reading of Henry James's complex ghost story, *The Turn of the Screw*, in the context of several different--and sometimes contradictory--critical approaches. From this vantage point at the end of the course we will be able to survey the different historical, cultural, and linguistic methods of interpreting literature. Texts may also include: *The Shorter Norton Anthology of Poetry*, David Henry Hwang's *M. Butterfly*, John Patrick Shanley's *Doubt*, and Chimamanda Ngozi Adichie's *Purple Hibiscus*. 3 hrs. lect./disc **CW**, **LIT** *(M. Wells)*

Section B

Reading Literature: Place, Space, and Time

Writers have always been concerned with the meaning of place and the passage of time, and our task will be to explore the diverse ways that literature in English expresses, grapples with, and comes to terms with these fundamental concepts. Of central concern will be the relationship between form and content in literary expression. Along the way, you will learn to more fluently read, write about, and talk about multiple literary genres—poetry, drama, short fiction, and novel—from Shakespeare to the 21st century. 3 hrs. lect./disc **CW**, **LIT** *(B. Millier)*

Section C

Reading Literature: The Poetics of Memory

According to ancient myth, Mnemosyne, the goddess of memory, was mother of the muses. That indicates how important memory is to literature and the reading of literature. In what ways do different literary genres involve memory? How do texts remember each other? What is the relationship between memory and interpretation, and how does memory contribute to the building of interpretive communities? How does it shape poetic and narrative form, structure, syntax, and impersonation, and what part does it play in literary representations of gender, race, and class? 3 hrs. lect./disc. **CW**, **LIT** *(J. Berg)*

Spring 2018

Section A

A Reading Literature

In order to understand how poems achieve expressiveness by means of rhyme, rhythm, formal structure, and diction, we will devote the first half of the semester to reading, analyzing, and discussing major lyric and narrative poems by poets considered the greatest of their respective eras: Shakespeare, Donne, Milton, Pope, Keats, Tennyson, Christina Rossetti, T. S. Eliot, and Edna St. Vincent Millay. In the second half of the course we will study dramatic literature and fiction: one play by G. B. Shaw (Pygmalion) and one by Terence Rattigan, to understand how drama achieves its powerful emotional impact; we will also read a selection of short stories and novellas by notable practitioners of narrative art: Melville (Billy Budd), W. Somerset Maugham, and Katherine Anne Porter (Noon Wine). Six short papers will help you improve your writing skills and your ability to write papers about the three genres of literature. 3 hrs. lect./disc. **CW**, **LIT** *(J. Bertolini)*

Section B

Reading Literature: Poetry, Drama, Fiction

This course will help students develop skills for the close reading of literature through discussions of and writing about three literary genres: poetry, drama, and fiction. The goal of the course is the development of a literary-critical sensibility vital to further coursework in the major. 3 hrs. lect./disc. **CW**, **LIT** *(D. Price)*

Section C

Reading Literature

This course seeks to develop skills for the close reading of literature through discussion of and writing about selected poems, plays, and short stories. A basic vocabulary of literary terms and an introductory palette of critical methods will also be covered, and the course's ultimate goal will be to enable students to attain the literary-critical sensibility vital to further course work in the major. At the instructor's discretion, the texts employed in this class may share a particular thematic concern or historical kinship. 3 hrs. lect./disc. **CW**, **LIT** *(B. Graves)*

Section D

Reading Literature: Fantastic Voyages

If every work of literature takes us to some “far country” of a world partly real and partly imagined, this course will be a “grand tour” of far-flung destinations, some of which will possess a gentle beauty, some of which will prove dangerous and harrowing. Our main concern, apart from learning how to appreciate a wide variety of styles, techniques, and genres, will be to acquire the analytical and writing skills that will allow students to convincingly communicate their feelings and insights about literature to others. To accomplish this, we will closely read selected works from Shakespeare to the present, become familiar with a lexicon of helpful literary terms, and introduce ourselves to some basics of literary theory. 3 hrs. lect./disc. **CW**, **LIT** *(A. Baldridge)*

ENAM 0105 Victoria's Secrets (Fall 2017)

Known as the great age of the realist novel and the epitome of staid decorum, the nineteenth century also had its guilty pleasures--mysteries, ghost stories, science fiction, adventure tales, and more--all exposing a wild underside to the Victorian imagination where seeming norms of gendered, racial, and ethnic identity were systematically called into question. In this course we will read both canonical realist novels and their non-traditional counterparts in an attempt to understand the productive interplay between these two seemingly disparate literary traditions. Authors may include: Austen, Dickens, Eliot, Hardy, the Brontës, Wilkie Collins, R.L. Stevenson, Arthur Conan Doyle, H.G. Wells, Bram Stoker, Mary Elizabeth Braddon, and others. 3 hrs.lect. **EUR**, **LIT** *(A. Losano)*

Cross-listed as: GSFS 0105

ENAM 0109 Literary “Character” (Spring 2018)

In this course we will investigate literary character—what it is; what makes it “round,” “flat,” “deep,” “shallow”; its history. In seeking to understand “character,” we will create our own stories, using characters from our readings, or introducing characters we create into plots or settings from those readings. In expository essays and class discussions, we will also consider the following questions: how and why did “fictional person” acquire the name “character” (literally “engraved mark”)? How does “character” relate to representations of body, property, authorship, gender, race? How does theatrical character relate to novelistic and short-story character? Possible authors: Aristotle, Theophrastus, Terence, Geoffrey Chaucer, William Shakespeare, Laurence Sterne, Jane Austen, Charles Dickens, Herman Melville, Mark Twain, Virginia Woolf, Richard Wright, Julia Alvarez. 3 hrs. lect. **EUR**, **LIT** *(J. Berg)*

ENAM 0117 The Short Story (AL) (Fall 2017)

This course approaches the short story as a distinct prose genre, beginning with work by Edgar Allen Poe and Guy de Maupassant and concluding with stories by contemporary authors. We will examine the particularly notable growth of the genre in America and survey various trends in the form, from "local color" sketches and realistic tales to experiments in modernism and postmodernism. Throughout, we will consider issues of structure, characterization, style, and voice. Other authors may include Anderson, Barthelme, Cheever, Chekhov, Hemingway, Joyce, Moore, O'Connor, Twain, and Welty. 3 hrs. lect./disc. **AMR**, **LIT**, **NOR** *(R. Cohen)*

ENAM 0180 An Introduction to Biblical Literature (Fall 2017)

This course is a general introduction to biblical history, literature, and interpretation. It aims to acquaint students with the major characters, narratives, and poetry of the Jewish and Christian scriptures, with special emphasis on the ways scripture has been used and interpreted in Western culture. Students interested in more detailed analysis of the material should enroll in RELI 0280 and RELI 0281. 3 hrs. lect./1 hr. disc. **LIT**, **PHL** *(O. Yarbrough)*

Cross-listed as: RELI 0180 *

ENAM 0201 British Literature and Culture: The Poetics of Entertainment (I) (Pre-1800) (Fall 2017)

"Entertain" now means "amuse" or "divert," but long ago it could mean, more seriously, "hold together" in community. We will explore poetic "entertainment" as it evolved in the Middle Ages and Renaissance. Recurring themes will include hospitality, gift-exchange, love, marriage, festival, politics, and friendship, all involving gender, class, and nationality. Our topic will also entail exploring what has made works canonical and the contribution of the canon to our own sense of community. Texts may include Beowulf, Gawain and the Green Knight, mystery and morality plays, and works by Marie de France, Chretien, Chaucer, Wyatt, Spenser, Shakespeare, and Milton. 3 hrs. lect. **EUR**, **LIT** *(J. Berg)*

ENAM 0204 Foundations of English Literature (I) (Pre-1800) (Spring 2018)

Students will study Chaucer's *Canterbury Tales* and Milton's *Paradise Lost*, as well as other foundational works of English literature that may include Shakespeare, non-Shakespearean Elizabethan drama, the poetry of Donne, and other 16th- and 17th-century poetry. 3 hrs. lect./disc. **EUR**, **LIT** *(T. Billings, D. Price)*

ENAM 0205 Introduction to Contemporary Literary Theory (Fall 2017, Spring 2018)

Fall 2017

Introduction to Contemporary Literary Theory

This course will introduce several major schools of contemporary literary theory. By reading theoretical texts in close conjunction with works of literature, we will illuminate the ways in which these theoretical stances can produce various interpretations of a given poem, novel, or play. The approaches covered will include New Criticism, Psychoanalysis, Marxism and Cultural Criticism, Feminism, and Post-Structuralism. These theories will be applied to works by Shakespeare, Wordsworth, The Brontës, Conrad, Joyce, and others. The goal will be to make students critically aware of the fundamental literary, cultural, political, and moral assumptions underlying every act of interpretation they perform. 3 hrs. lect/disc. **EUR**, **LIT** *(A. Baldridge)*

Spring 2018

Introduction to Contemporary Literary Theory

In this course we will introduce several major schools of contemporary literary theory. By reading theoretical texts in close conjunction with works of literature, we will illuminate the ways in which these theoretical stances can produce multiple interpretations of a given literary work. The approaches covered may include New Criticism, Psychoanalysis, Marxism and Cultural Criticism, Race Theory and Multicultural Criticism, Feminism, Post-Colonial Criticism, Queer Studies, Eco-Criticism, Post-Structuralism, and others. These theories will be applied to various works of fiction, poetry, and drama. The goal will be to make students critically aware of the fundamental literary, cultural, political, and moral assumptions underlying every act of interpretation they perform. 3 hrs. lect/disc. **EUR**, **LIT** *(A. Losano)*

Cross-listed as: CMLT 0205

ENAM 0206 Nineteenth-Century American Literature (II, AL) (Pre-1900 AL) (Fall 2017)

This course will examine major developments in the literary world of 19th century America. Specific topics to be addressed might include the transition from Romanticism to Regionalism and Realism, the origins and evolution of the novel in the United States, and the tensions arising from the emergence of a commercial marketplace for literature. Attention will also be paid to the rise of women as literary professionals in America and the persistent problematizing of race and slavery. Among others, authors may include J. F. Cooper, Emerson, Melville, Douglass, Chopin, Whitman, Dickinson, Twain, Hawthorne, Stowe, Alcott, Wharton, and James. . 3 hrs. lect./disc. **AMR**, **LIT**, **NOR** *(B. Millier)*

Cross-listed as: AMST 0206

ENAM 0209 American Literature and Culture: Origins-1830 (II, AL) (Pre-1900 AL) (Fall 2017)

A study of literary and other cultural forms in early America, including gravestones, architecture, furniture and visual art. We will consider how writing and these other forms gave life to ideas about religion, diversity, civic obligation and individual rights that dominated not only colonial life but that continue to influence notions of "Americanness" into the present day. 3 hrs. lect./disc. **AMR**, **LIT**, **NOR** *(E. Foutch)*

Cross-listed as: AMST 0209 *

ENAM 0212 American Literature Since 1945 (AL) (Spring 2018)

In this course we will trace the development of the postmodern sensibility in American literature since the Second World War. We will read works in four genres: short fiction, novels, non-fiction (the "new journalism"), and poetry. Authors will include Saul Bellow, Joseph Heller, Ralph Ellison, Flannery O'Connor, Jack Kerouac, Vladimir Nabokov, Tom Wolfe, Joan Didion, Toni Morrison, and Don DeLillo. 3 hrs. lect./disc. **AMR**, **LIT**, **NOR** *(B. Millier)*

ENAM 0215 Contested Grounds: U.S. Cultures and Environments (Spring 2018)

Throughout the history of the United States, Americans have created a complex set of meanings pertaining to the environments (wild, pastoral, urban, marine) in which they live. From European-Native contact to the present, Americans' various identities, cultures, and beliefs about the bio-physical world have shaped the stories they tell about "nature," stories that sometimes share common ground, but often create conflicting and contested understandings of human-environment relationships. In this course we will investigate these varied and contested stories from multi-disciplinary perspectives in the humanities—history, literature, and religion--and will include attention to race, class, gender, and environmental justice. 3 hrs. lect./disc. **AMR**, **NOR** *(D. Brayton)*

Cross-listed as: ENVS 0215 *

ENAM 0226 The Boarding School in Fiction and Fact (Fall 2017)

From *Tom Brown's School Days* to *Prep*, writers have commemorated the boarding school experience. Through studying novels, short stories, memoir excerpts, and films, we will identify recurring archetypes and consider how these have changed over time. We will examine the reciprocal relationship between these schools and society. Do these schools have an agenda beyond their professed ones? How do they contribute to the formation of social power structures? We will look at not only the traditional Anglo-American experience but also that of Native Americans, Chinese, Indian, and others. Readings will include works by John Knowles, P. G. Wodehouse, Curtis Sittenfeld, Anita Shreve, and Han Han. (This course is not open to students who have taken ENAM/EDST 1019) **CMP**, **CW** (2 seats), **LIT** *(K. Kramer)*

Cross-listed as: EDST 0226

ENAM 0227 Encounters With the Wild: Nature, Culture, Poetry (I) (Pre-1800) (Spring 2018)

Civilization is often defined against wilderness. The two ideas are not exclusive but mutually constitutive, for wilderness and the wild turn out to be central to notions of the civil and the civilized. Poets have long been preoccupied by the boundaries and connections between these ideas. The word "poetry" itself comes from a Greek word for "craft" or "shaping"; thus, poetry implies the shaping of natural elements into an artful whole. In this course we will examine the literary history of this ongoing dialectic by reading and discussing masterpieces of Western literature, from ancient epics to modern poetry and folklore. As we do so we will rethink the craft of poetry, and the role of the poet, in mapping the wild. Readings will include *Gilgamesh*, *The Odyssey*, sections of *The Bible* and Ovid's *Metamorphoses*, *Beowulf*, *Sir Gawain and the Green Knight*, *A Midsummer Night's Dream*, *The Tempest*, and poems by Wyatt, Marlowe, Jonson, Donne, Marvell, Pope, and Thompson. (This course counts toward the ENVS Literature focus and the ENVS Environmental Non-Fiction Focus) lect./disc. **CMP**, **EUR**, **LIT** *(D. Brayton)*

Cross-listed as: ENVS 0227

ENAM 0228 Contemporary British Playwrights (Fall 2017)

This course will explore Great Britain's controversial theatrical movement, beginning in the late sixties, which came to be known as "The Fringe." Plays by David Hare, Howard Brenton, Stephan Poliakoff, Howard Barker, David Edgar, Caryl Churchill, Snoo Wilson, Trevor Griffiths, and others will be discussed. Particular focus will be on the plays' dramaturgical and theatrical values, as well as their impact on the overall development of the Fringe theatre movement and its influence on the more traditional theatrical establishment. 3 hrs. lect. **ART**, **EUR**, **LIT** *(R. Romagnoli)*

Cross-listed as: THEA 0228 *

ENAM 0239 The Cinema of Alfred Hitchcock (Fall 2017)

We will watch about 20 of Hitchcock’s films with an eye toward understanding why contemporary film directors consider his films exemplary of the greatest cinematic artistry: Hitchcock always finds new ways of telling a story visually by the way he uses his camera especially the subjective camera. We will learn his rules for cinema, such as “the bigger the emotion the bigger the close-up.” We will also define his recurring themes, images, and motifs, such as obsessive love, the wrong man, dangling over the abyss, and a man and a woman saving one another by clasping hands. Among the films we will analyze are his masterpieces, *Rear Window*, *Vertigo*, *North by Northwest*, and *Psycho*. 3 hrs. lect./disc./screening **AMR**, **ART**, **LIT**, **NOR** *(J. Bertolini)*

Cross-listed as: FMMC 0239

ENAM 0240 Captivity Narratives (II) (Pre-1900 AL) (Spring 2018)

Captivity narratives—first-person accounts of people's experiences of being forcibly taken and held against their will by an "other"—were immensely popular and important in early America; the captivity motif has been perpetuated and transformed throughout later American literature and film. In this course we will explore what these types of tales reveal about how Americans have handled the issues of race and racism, religion, gender, violence and sexuality that experiences of captivity entail. Beginning with classic Puritan narratives (Mary Rowlandson) and moving forward through the 19th and 20th centuries, we will consider the ways that novels (*The Last of the Mohicans*), autobiographies (Patty Hearst, Iraqi captivity of Pvt. Jessica Lynch) and films (*The Searchers*, *Little Big Man*, *Dances with Wolves*) do cultural work in shaping and challenging images of American national identity. 3 hrs. lect. (Diversity) **AMR**, **ART**, **LIT**, **NOR** *(D. Evans)*

Cross-listed as: AMST 0240 * FMMC 0106 *

ENAM 0243 Maritime Literature and Culture (II) (Fall 2017)

Writers have long found the sea to be a cause of wonder and reflection. A mirror for some and a desert for others, the sea has influenced the imaginations of writers throughout history in vastly different ways. In this course we will read a variety of literary works, both fiction and non-fiction, in which the sea acts as the setting, a body of symbolism, an epistemological challenge, and a reason to reflect on the human relationship to nature. Readings will be drawn from the Bible, Homer's *Odyssey*, Old English Poetry, Shakespeare, Tennyson, Kipling, Conrad, Melville, Hemingway, Walcott, O'Brian, and others. 3 hrs. lect./disc. **LIT** *(D. Brayton)*

Cross-listed as: ENVS 0243

ENAM 0250 The Romantic Revolution (II) (Spring 2018)

he generation of British poets and novelists known collectively as the Romantics decisively rebelled against earlier conceptions of what literature could speak about, how it could best describe a rapidly changing world, and who was fit to be its reader. Arguably the first environmentalists, the Romantics also initiated our modern discussions of gender, class, race, and nationalism. To encounter the Romantics is to witness intellectual courage taking up arms against habit, prejudice, and tyranny. We will trace their genius and daring (and follow their personal attachments for, and rivalries with, each other) through the poetry of Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats, and the novels of Mary Shelley and Emily Brönte. 3 hrs. lect./disc. **EUR**, **LIT** *(A. Baldridge)*

ENAM 0263 American Psycho: Disease, Doctors, and Discontents (II) (AL) (Pre-1900 AL) (Spring 2018)

What constitutes a pathological response to the pressures of modernity? How do pathological protagonists drive readers toward the precariousness of their own physical and mental health? The readings for this class center on the provisional nature of sanity and the challenges to bodily health in a world of modern commerce, media, and medical diagnoses. We will begin with 19th century texts and their engagement with seemingly "diseased" responses to urbanization, new forms of work, and new structures of the family and end with contemporary fictional psychopaths engaged in attacks on the world of images we inhabit in the present. Nineteenth century texts will likely include stories by Edgar Allan Poe, Nathaniel Hawthorne, Herman Melville, and Charlotte Perkins Gilman. Later 20th-century works will likely include Ken Kesey, *One Flew Over the Cuckoo's Nest*, Thomas Harris, *The Silence of the Lambs*, Susanna Kaysen, *Girl, Interrupted*, and Bret Easton Ellis, *American Psycho*. **AMR**, **LIT**, **NOR** *(M. Newbury)*

Cross-listed as: AMST 0263

ENAM 0265 Varieties of Literary Ambiguity (Fall 2017)

We will consider readings in a range of European, British, and American fictions purposefully designed to lead the reader to uncertain or contradictory judgments regarding the larger implications of the tale. Narratives of this kind, often deceptively straightforward but in fact intricately conceived, may be understood to provide an experience of insinuating irresolution, calling for repeated and progressively deeper assessments of the same story. Authors whose works may be considered include Heinrich von Kleist, Nathaniel Hawthorne, Herman Melville, Nikolai Gogol, Gustave Flaubert, Henry James, Joseph Conrad, and Franz Kafka. 3 hrs lect/disc. **LIT** *(S. Donadio)*

Cross-listed as: LITS 0265 *

ENAM 0266 Growing up: Sentimental Educations (Spring 2018)

The Romantic movement lent new authority to personal feeling (then often referred to as 'Sentiment') as the most powerful way to apprehend truth. By 1900 childhood and adolescence had become accepted as separable stages of life through which one grew to adulthood. Accordingly, the nineteenth century witnessed the flourishing of an international fictional tradition, later called the Bildungsroman, or "novel of education" that focused upon a single individual in an increasingly urban world. We will study portrayals of 'growing up' in major, influential novels by Goethe, Balzac, Charlotte Bronte, Dickens, Flaubert (a novel titled Sentimental Education). Turgenev, Henry James and James Joyce. 3 Hrs. Lect/Disc **EUR**, **LIT** *(J. McWilliams)*

Cross-listed as: LITS 0266 *

ENAM 0285 Magical Realism(s) (Fall 2017)

Novels that juxtapose the marvelous with the everyday have shadowed (and mocked) mainstream realism for the better part of two centuries, and have proliferated in recent years to the point where they may constitute the predominant genre of our globalized culture. Why should such strange mélanges of the quotidian and the supernatural strike so many authors as the perfect vehicle to express 20th and 21st century anxieties and possibilities? We will explore examples of these boundary-defying fictions across several decades and various national literatures. Authors to be studied will include Woolf, Kafka, Calvino, Morrison, Pynchon, Rushdie, and Garcia-Marquez. **CMP**, **LIT** *(A. Baldridge)*

Cross-listed as: CMLT 0285

ENAM 0302 Unquiet Minds: Gender and Madness in Literature and Medicine (I) (Pre-1800) (Fall 2017)

In this course we will explore the fascinating intersection of gender, literature, and medicine from the Greeks to the present day, focusing in particular on the early modern period. We will consider why and how such diseases as melancholy and hysteria became flashpoints for anxieties about gender and sexuality in this period, turning to both literary and medical narratives to illuminate the troubled interface between mind and body in the social construction of melancholic illness. Alongside literary texts that dramatize mental illness (such as Chrétien's Yvain and Shakespeare's Hamlet) we will read sections from Robert Burton's *Anatomy of Melancholy* as well as the recently published account by a 17th century woman of her own private struggles with madness. We will conclude with a consideration of contemporary texts that explore the experience of madness, including Kay Redfield Jamison's memoir *An Unquiet Mind* and Sarah Ruhl's *Melancholy Play*. In this final section we will also explore the work being done in the exciting emerging field of "narrative medicine," which brings together literature and medicine in quite explicit and strategic ways. **CMP**, **EUR**, **LIT** *(M. Wells)*

Cross-listed as: GSFS 0302

ENAM 0309 Contemporary Literature (Spring 2018)

In this course we will explore seminal works of the post-World War II literature written in English. In the course of our readings we will move through the cultural and social transformations beginning with the paranoia and alienation of the Cold War, and continuing with the Civil Rights era, the national crisis of Vietnam, the rise of multiculturalism and the culture wars in the 1980s, the wide ranging effects of the information revolution, the profits and perils of globalization, and the profound anxiety of the war on terror. Writers studied will include Thomas Pynchon, Vladimir Nabokov, Don DeLillo, Donald Barthelme, William S. Burroughs, Toni Morrison, Ishmael Reed, Ana Castillo, and Art Spiegelman. 3 hrs. lect. **AMR**, **LIT**, **NOR** *(R. Cohen)*

Cross-listed as: CMLT 0309

ENAM 0330 Shakespeare’s Career (I) (Pre-1800) (Fall 2017)

In this course we will study the whole arc of William Shakespeare's literary career from the earliest histories, comedies, and non-dramatic poetry to the more mature tragedies and romances, with an eye to understanding Shakespeare’s development as a writer in his own time. How might the plays have resonated for his first audiences on stage, and how have subsequent readers drawn their own meanings from the published texts? Reading one play a week, we will pay close attention to such dramaturgical issues as Shakespeare’s construction of character and of plot, his adaptation of sources, and his modes of versification, as well as the ethical, political, and commercial implications of Shakespeare’s works during his lifetime, some of which stand in contrast with what we learn from them today. 3 hrs. lect./1 hr. disc./3 hrs. screen. **EUR**, **LIT** *(T. Billings)*

ENAM 0332 Shakespeare's Tragedies and Histories (I) (Pre-1800) (Spring 2018)

An intensive consideration of language, style, character, and structure, first in Shakespeare's epic history-play cycle, Richard II, Henry IV, and Henry V, and then in the major tragedies, *Hamlet*, *King Lear*, and *Anthony and Cleopatra*. 3 hrs. lect.; disc; screening **EUR**, **LIT** *(J. Bertolini)*

ENAM 0342 Literature of the American South (AL) (Fall 2017)

In William Faulkner's *Absolom, Absolom!* Canadian Shreve McCannon commands his roommate, Mississippian Quentin Compson, "Tell about the South. What's it like there. What do they do there. Why do they live there. Why do they live at all?" Our course will take on writers who want to "tell about the South" in the post-Civil War era and beyond, as they seek to help re-define and revitalize their region. We will focus our regional exploration on the "Southern Renascence," when writers and theorists like the Agrarians re-examined Southern history and reconsidered their role in relation to their regional community. Authors including William Faulkner, Zora Neale Hurston, Robert Penn Warren, Eudora Welty, and Tennessee Williams developed a new awareness of the restrictions of racial and gender roles, an interest in literary experimentation, and an increasingly realistic presentation of social conditions in the south. We will consider the legacy of these writers in later 20th century texts by authors such as Flannery O'Connor, Walker Percy, Alice Walker, Cormac McCarthy, Ernest Gaines, Randall Kenan and even relative newcomers such as Jackson Tippett McCrea. (Not open to students who have taken FYSE 1336) 3 hrs. lect./disc. **AMR**, **LIT**, **NOR** *(D. Evans)*

Cross-listed as: AMST 0342

ENAM 0358 Reading, Slavery, and Abolition (II, AL) (Pre-1900 AL) (Fall 2017)

In this course we will study both black and white writers' psychological responses to, and their verbal onslaughts on, the "peculiar institution" of chattel slavery. We will work chronologically and across genres to understand how and by whom the written word was deployed in pursuit of physical and mental freedom and racial and socioeconomic justice. As the course progresses, we will deepen our study of historical context drawing on the substantial resources of Middlebury's special collections, students will have the opportunity to engage in archival work if they wish. Authors will include Emerson, Douglass, Jacobs, Thoreau, Stowe, Walker, and Garrison. 3 hrs. sem. *(Diversity)/* **AMR**, **HIS**, **LIT**, **NOR** *(W. Nash)*

Cross-listed as: AMST 0358 *

ENAM 0373 The Novel and the City (Spring 2018)

In this course we will examine a number of novels from the 20th and 21st centuries that are about life in the city, taking a global and trans-national approach. We will explore formations of urban life alongside transformations in the novel as a genre. We will put these novels of city life in dialogue with critical theory—that is, theories of culture and society that have as their aim human emancipation (for example, Marxism, feminism, critical race studies, and postcolonial studies). The novels we read will reflect important literary movements such as realism, modernism, and postmodernism. (Not open to students who have taken ENAM 0447) *(Diversity)/* **CMP**, **CW** (5 seats), **LIT**, **SOC** *(Y. Siddiqi)*

Cross-listed as: CMLT 0373

ENAM 0406 Shaw, Rattigan, Stoppard: the Play of Ideas vs. the Play of Character and Situation (Fall 2017)

In the early 20th Century George Bernard Shaw, following Ibsen’s model, sought to introduce the Play of Ideas into British Drama, i.e., plays that dramatized current philosophical and social issues. We will study his *Man and Superman* as representative of such drama. At the mid-century Terence Rattigan argued against Shaw that plays should be about people and tell stories, not about ideas. We shall read plays of his, such as *The Winslow Boy* and *The Browning Version* to understand his art of implication and understatement. Shaw and Rattigan’s argument has played itself out in the dazzling late 20th century plays of Tom Stoppard who starts as a playwright of ideas. We shall try to understand where he and the debate come out in a play such as his *Arcadia*. 3 hrs. lect. *(J. Bertolini)*

ENAM 0459 Poetics of Protest: Political Poetry from Sonnet to Slam (Spring 2018)

In this course we will study the art, history, theory, politics, and practice of American poetry that is explicitly aimed at protesting various forms of social injustice, beginning with the Harlem Renaissance and through the most recent experiments in the spoken word form. Students will write a research essay integrating a range of critical sources with their own analysis, but the course is also designed to help students develop techniques for powerfully expressing political dissent through poetry. The flexible syllabus will include the likes of Claude McKay, Countee Cullen, Helene Johnson, Langston Hughes, W.E.B. Du Bois, Richard Wright, Allen Ginsberg, Charles Bernstein, Gwendolyn Brooks, Audrey Lorde, Adrienne Rich, Amiri Baraka, Nikki Giovanni, Claudia Rankin, Ashley Jones, Saul Williams, Denice Frohman, Alysia Harris, Rachel McKibbens, Taylor Mali, and others. Coursework will include reading poetry and critical essays, viewing videos, listening to recordings, composing and performing (or recording) one poem, and attending one live event. 3 hrs. sem. *(Diversity)/* **AMR**, **LIT**, **NOR** *(T. Billings)*

ENAM 0460 Affect, Emotion, and Structures of Feeling (Fall 2017)

What is the role of emotion in the shaping of identities, communities, and political cultures? How have narratives of shame, love, melancholy, anger, and “muddle” allowed writers to address experiences of injury and stigmatization? In this seminar we will explore the growing body of interdisciplinary scholarship on affect. Readings will include theoretical approaches (Deleuze, Berlant, Ngai, Hardt/Negri, Williams, Love) and literary works drawn mostly from queer and postcolonial archives. Topics considered will include affective citizenship; embodiment and touch; antisocial behavior; empathy, hospitality, and conviviality; care-giving and affective labor; and the recent embrace of tragedy in postcolonial studies. 3 hrs. sem. **LIT**, **SOC** *(B. Graves)*

ENAM 0462 Literature of Displacement: Forced Migration, Diaspora, Exile (Spring 2018)

We will study contemporary postcolonial literature and theory about migration, displacement, exile, and diaspora. Spurred variously by force, necessity and desire, migrants leave their homes and homelands with regret and with hope. Writers address the historical forces that shape these migrations: decolonization and neo-colonialism, globalization, warfare, dispossession, political violence, religious conflict, and environmental catastrophe. These writers experiment with narrative form and poetic language to explore the experiences of undocumented immigrant workers, exiles, refugees and well-to-do migrants. We will examine constructions of identity, history, community and place in texts by Anzaldua, Ali, Darwish, Diome, Patel, Gomez Pena, Said, Rushdie, Spivak, and others. *(Diversity)/* **AAL**, **CMP**, **LIT**, **SOA**, **SOC** *(Y. Siddiqi)*

Cross-listed as: CMLT 0462

ENAM 0500 Special Project: Literature (Fall 2017, Spring 2018)

Approval Required.

ENAM 0700 Senior Thesis: Critical Writing (Fall 2017, Spring 2018)

Individual guidance and seminar (discussions, workshops, tutorials) for those undertaking one-term projects in literary criticism or analysis. All critical thesis writers also take the Senior Thesis Workshop (ENAM 700Z) in either Fall or Spring Term.

ENAM 0705 Senior Colloquium in Literary Studies (Fall 2017)

Although it is required of all Literary Studies senior majors, this course is intended for students working in any discipline who seek a close encounter with some of the greatest achievements of the literary imagination. In addition to being understood as distinctive artistic and philosophical accomplishments, the six major works which constitute the reading list will also be seen as engaged in a vital, overarching cultural conversation across temporal and geographical boundaries that might otherwise seem insurmountable. The texts for this semester are: Homer, *The Odyssey*; Tolstoy, *War and Peace*; Dostoevsky, *The Brothers Karamazov*; Mann, *The Magic Mountain*; Proust, *Swann's Way*; Joyce, *Ulysses*. (Open to non-majors with the approval of the instructor.) 3 hrs., seminar. *(S. Donadio)*

Cross-listed as: LITS 0705 *

ENAM 0708 Senior Work: Joint Majors in English & American Literatures and Theatre (Fall 2017, Spring 2018)

Approval required.

↑ Top

Program in Environmental Studies

Required for the Major in Environmental Studies: The environmental studies major is composed of course work in four areas: (1) a set of core courses to be completed by the end of the junior year, (2) an in-depth focus, (3) cognate courses that supplement the breadth gained in the core courses, and (4) the senior-level seminar.

Except for transfer students, the core courses must be taken at Middlebury College. A maximum of three courses taken off campus may be credited toward completion of the major. The student's advisor must approve all such off-campus courses.

Joint Majors: Students may pursue a joint major with environmental studies and other majors. The other major usually overlaps the student's focus. Those who focus in architecture and the environment, conservation biology, environmental chemistry, environmental geology, geography, or human ecology automatically qualify as joint majors. Students in other foci should consult with the director about joint majors. Due to the interdisciplinary nature of the environmental studies major, there is no reduction in course requirements for the environmental studies component of a joint major.

Minor in Environmental Studies: The minor in environmental studies consists of five courses from across the humanities, natural sciences, and social sciences: ENVS 0112; ENVS or ENVS/PSCI 0211; ENVS or ENVS/ENAM 0215 (these three to be completed by the end of the sixth semester); one course from among DANC 0277, ECON 0265, ENAM 0227, ENAM 0315, ENVS 0209, ENVS 0210, ENVS 0349, ENVS 0385, ENVS 0395, GEOG 0207, HIST 0222, PHIL 0356, PSCI 0212, PSCI 0214, PSYC 0333 (formally PSYC 0233), RELI 0295, or SOAN 0211; one course from among BIOL 0140, ENVS 0240, ENVS/CHEM 0270, GEOL 0112, or GEOL 0323. Except for transfer students, ENVS 0112, ENVS or ENVS/PSCI 211; and ENVS 0215 must be taken at Middlebury College. However, students receiving a score of 5 on the Advanced Placement Examination in environmental science will receive credit for ENVS 0112. With the approval of the director of the Environmental Studies program director, a maximum of one course taken off campus (not including AP Environmental Science) may be credited toward completion of minor requirements other than 0112, 0211, and 0215.

ENVS Program Honors: Program honors will be awarded to students who complete a multi-term senior thesis on a topic pertinent to the relationship between humans and the environment and meet the following requirements. The thesis must be of superior quality (B+ or higher), and the student must achieve an average GPA of B+ or higher in courses taken toward completion of the major. Courses counting toward the GPA in the major include core courses, the two highest-grade cognate courses, courses taken in fulfillment of focus requirements (highest grades if extra courses in the focus were taken), and ENVS 0401. Thesis grades do not count in calculating the final GPA for honors. Seniors conduct a senior thesis project by successfully completing one or two terms of ENVS 0700, followed by one term of ENVS 0701 OR equivalent senior independent study courses in a department that is part of their focus. Students who are joint majors should discuss ENVS program and departmental honors requirements with their advisors.

International Environmental Studies: The program offers no formal or official major, minor, or focus in international environmental studies For students interested in international

environmental studies, we recommend the following approach: (1) select the existing focus that most closely meets your academic goals (for example, environmental economics or environmental policy or human ecology); (2) undertake language training, if relevant, for the areas of the world in which you plan to study; (3) study abroad for a semester to gain a deeper understanding of the issues and areas that most interest you; and (4) weave some of the following courses, which explicitly deal with international and comparative environmental issues, into your academic career: ENVS 0240, ENVS 0380, ENVS 0390, FREN 0315, GEOG 0207, GEOG 0210, GEOG 225, HARC 264, HIST 0419, PSCI 0209, PSCI 0210, PSCI 0214, PSCI 0452, RELI 0395, SOAN 0211, SOAN 0333, SPAN 0384.

I. Core Courses: All Environmental Studies majors are required to complete these four 0100-level to 0200-level core courses plus the ENVS 0401 senior seminar. The 0100-level to 0200-level core classes provide an introduction to perspectives on environmental issues from the humanities, natural sciences, and social sciences, as well as basic approaches critical to understanding human interactions with the environment. The 0100-level to 0200-level core courses must be completed by the end of the junior year, and ENVS 0112 in particular should be completed by the end of the sophomore year.

ENVS 0112 Natural Science and the Environment
ENVS 0211 Conservation and Environmental Policy
ENVS 0215 Contested Grounds: U.S. Cultures and Environments
GEOG 0120 Spatial Thinking with Geographic Information Systems

**Note: Only those students who have completed all four of the above-listed core courses are eligible to enroll in ENVS 0401 or to sign up for ENVS 0700.

**Note: Students receiving a score of 5 on the Advanced Placement Examination in environmental science will receive credit for ENVS 0112.

II. Foci: Students must complete all of the requirements for one of the following foci. Courses taken within the focus that are not specified must be approved by the student's advisor. Some foci qualify the student for joint major status. Note that each focus falls into one of three broad groupings.

Environmental Science

Conservation Biology: (This focus requireseight courses). BIOL 0140; BIOL 0145; BIOL 0392; twofield methods courses chosen from BIOL 0302, BIOL 0304, and BIOL 0323; one organismal course chosen from among BIOL 0201, BIOL 0202, BIOL 0203, and BIOL 0310; and two BIOL electives chosen from the 0200-0700 level (only one of which can be BIOL 0500 or higher). Note: Winter Term courses offered through the Biology Department can be used to satisfy one of the elective courses. (This focus qualifies students for joint major status.)

Environmental Chemistry: (This focus requires seven or eight courses depending on senior work). CHEM 0103; CHEM 0104 or 0107; CHEM 0203, CHEM 0204; CHEM 0270; CHEM 0311; and at least one semester of formal senior-level research focusing on chemistry and the environment chosen from: independent study (ENVS 0500 or CHEM 0700), or the senior thesis sequence (CHEM 0400/0700/0701 or ENVS 0500/0700). Students wishing to pursue graduate study in environmental chemistry are advised to take additional courses, in the appropriate field of science, and should consult with their advisor. (This focus qualifies students for joint major status.)

Environmental Geology: (This focus requires eight courses). One introductory course from among GEOL 0112 (preferred), GEOL 0161, and GEOL 0170; one course from among GEOL/GEOG 0251, GEOL/GEOG 0255, and GEOL/GEOG 0257; one course from among GEOL 0201, GEOL 0211, and GEOL 0281; three electives, two of which must be at the GEOL 0300-level; and two courses of senior work, GEOL 0400 and GEOL 0700. These are considered minimum requirements. Please note that geology graduate programs require additional courses in the cognate sciences of biology, chemistry, computer science, mathematics, and physics. Students should consult with their advisors regarding additional cognates. (This focus qualifies students for joint major status.)

Environmental Policy and Analysis

Conservation Psychology: (This focus requires seven courses). PSYC 0105; PSYC 0201; PSYC 0202; PSYC 0333 (formally PSYC 0233); PSYC 0416; two additional courses to be determined in consultation with the student's advisor.

Environmental Economics: This focus requires seven courses). MATH 0121 or MATH 0122; ECON 0155; ECON 0210; ECON 0255; ECON 0265; ECON 0465; one course from among ECON 0211, ECON 0228, ECON 0275, ECON 0328, ENVS 0385, ECON 0425, ECON 0428, and ECON 0444.

Environmental Policy: (This focus requires seven courses). ECON 0155; ECON 0265; ECON 0210 or MATH 0116 or PSYC 0201; PSCI 0212 or PSCI 0214or ENVS 0385; PSCI 0421 or PSCI 0452; two courses from among ENVS 0209, GEOG 0207, and any Political Science courses at the 0200-0300 level.

Geography: (This focus requires seven courses). GEOG 0100; GEOG 0120; three courses at the 0200-level (none of which may be numbered 0250 or above); one course at the 0300-level; and one 0400-level seminar. The electives, the seminar, and the joint senior work must be selected in consultation with, and approved by, the students Geography advisor.

Human Ecology: (This focus requires eight or nine courses depending on senior work). SOAN 0103; SOAN 0105; SOAN 0211; SOAN 0301 or SOAN 0302; SOAN 0305 or SOAN 0306; two electives related to the topic of human ecology (to be selected in consultation with your advisor) from among Sociology-Anthropology offerings, or ENVS 0210. In addition, students will take either SOAN 0700 (one-semester senior project) or SOAN 0710 (multi-semester senior project). (This focus qualifies students for joint major status.) No more than one course may be taken outside of the regular fall and spring semesters at Middlebury (e.g., as a Winter Term course or transfer credit).

Environmental Humanities and Arts

Joint Major, Architectural Studies/Environmental Studies "Architecture and the Environment"*:* (This focus requires eight courses) HARC 0100; HARC 0130; HARC 0230; HARC 0231 (prerequisite for HARC 0731); HARC 0330 (or approved substitute); one additional course that deals with architectural history, urbanism, or contemporary visual culture; HARC 0731 and HARC 0732, to be taken sequentially. *Advisory:This joint major track does not result in a professional degree in architecture. Many graduate architecture schools expect applicants to have taken a survey of modern architecture as well as college-level courses in calculus and physics.*

Creative Arts: (This focus requires eight courses) Students proposing a Creative Arts focus will

submit to the arts advisor and ES chair a 1-2 page statement articulating their proposed connection between art and the environment, specifically linking their creative work with environmental perspectives.

For students emphasizing Dance, Studio Art, or Theater: ARDV 0116 or ART 0157 or ART 0158 or ART 0159; ENVS/DANC 0277 or ENVS/DANC 0377; three courses in the student's arts department at the 0100-0400 level that are best suited to enrich their approach to questions of human interactions with the environment (chosen in consultation with the appropriate arts advisor); two studio courses in one discipline which must be above the 0200-level, selected in consultation with the student's advisor; senior independent project or advanced studio course in the discipline of the selected art form. Public showing of artistic work is required, along with an artist's written statement linking environmental studies and the artistic emphasis in question.

For students emphasizing Film and Media Culture: FMMC 0105; ENVS/DANC 0277 or ENVS/DANC 0377; FMMC 0101 and two critical studies courses that are best suited to enrich the student's approach to questions of human interactions with the environment (chosen in consultation with the FMMC advisor); two production oriented classes selected in consultation with the student's FMMC advisor; senior independent project or advanced studio course in the discipline of the selected art form. Public showing of artistic work is required, along with an artist's written statement linking environmental studies and the artistic emphasis in question. The guidelines, prerequisites, expectations, and forms for applying to do an independent project are detailed on the Film and Media Culture website.

Environmental History: (This focus requires seven courses). HIST 0222; three HIST courses in students' area of interest at the 0100-0300 level; one 0400-level HIST readings course (preferably, but not necessarily HIST 0406 or HIST 0419); HIST 0600; one course from among AMST 0245, HARC 0218, PHIL 0356, RELI 0110, RELI 0120, RELI 0130, RELI 0140, RELI 0150, RELI 0160, RELI 0220, RELI 0225, RELI/AMST 0274, ENVS 0295, ENVS 0395, or one literature course at 0200-0300 level in chosen area of study.

Environmental Nonfiction: (This focus requires seven or eight courses depending on senior work). ENAM 0103; CRWR 0170 or CRWR 0175; one of ENAM 0201, 0206, or 0208; ENAM 0227 or ENAM 0243; two 0300-level writing workshops; at least one term of senior independent writing, typically: ENAM 0700 (for a one-term project) or ENVS 0700/0701 (for a two-term thesis).

Literature: (This focus requires eight courses).ENAM 0103 or CRWR 0175; ENAM 0201 or 0204; ENAM 0206 or 0208; two courses from among ENAM/AMST 0207, ENAM/AMST 0209, ENAM 0250, ENAM 0311, FREN 0315, and SPAN 0384; ENAM 0330, ENAM 0331, or ENAM 0332; ENAM 0243 or ENAM 0227; and an upper level seminar approved in writing by the advisor for the literature focus.

Religion, **Philosophy, and the Environment**: (This focus requires eight or nine courses depending on senior work). RELI 0295; ENVS 0395 or PHIL 0356; at least one introductory level course from among RELI 0110, RELI 0120, RELI 0190, PHIL 0150, or any additional 0100 or 0200-level RELI or PHIL course with approval of the advisor; an additional four courses from among PHIL 0205, PHIL 0206, GEOG 0207, and any 0300-0400-level course in philosophy or religion with approval of the advisor; at least one semester of independent study related to the focus (ENVS 0500).

III. Cognate Courses

Two of the following courses are required, with the restrictions that: (1) students focusing in an environmental science (biology, chemistry, or geology) must take both of their cognates outside of the natural sciences; (2) students focusing in an area other than environmental science must take both cognates as science courses with laboratory (these courses are in addition to ENVS 0112); and (3) courses in a student's focus or focus department cannot count as cognates. Not all of these courses are offered each year; check with the relevant department to determine course offerings.

Natural Science Courses
Any winter term course explicitly labeled ENVS and explicitly described in the Winter Term Catalogue as counting as a natural science lab cognate for Environmental Studies majors with a focus outside of the natural sciences.

BIOL 0140 Ecology and Evolution
BIOL 0302 Vertebrate Natural History
BIOL 0304 Aquatic Ecology
BIOL 0323 Plant Community Ecology
BIOL 0392 Conservation Biology
CHEM 0270 Environmental Chemistry
CSCI 0190 Computing through Simulation
ENVS 0240 The Science of Climate Change
GEOL 0105 Energy and Mineral Resources (formally GEOL 0205)
GEOL 0112 Environmental Geology
GEOL 0161 Elements of Oceanography
GEOL 0202 Climate and Earths History (formally GEOL 0221 Geology of Climate Change)
GEOL 0222 Remote Sensing in Environmental Science
GEOL 0250 Arctic and Alpine Environments
GEOL/GEOG 0251 Geomorphology
GEOL 0255 Surface and Ground Water
GEOL 0257 Soils, Geology, and the Environment
GEOL 0323 Environmental Geochemistry

Arts, Humanities, and Social Science Courses
Any winter term course explicitly labeled ENVS and explicitly described in the Winter Term Catalogue as counting as a cognate for Environmental Studies majors with a focus in the environmental sciences.

AMST 0214 Mastodons, Mermaids, and Dioramas: Capturing Nature in America
AMST 0245 American Landscape 1825-1865
AMST 0300 Reclaiming the Swamp: History, Science, and the Challenge of the Everglades
ARBC 0431 The Environmental Middle East: Forests, Rivers, and Peoples
DANC 0277 Body and Earth
ECON 0265 Environmental Economics
ECON 0365 Climate Change Economics
ECON 0465 Special Topics in Environmental Economics
EDST 0420 Education for Sustainability
ENAM 0227 Encounters with the Wild: Nature, Culture, Poetry
ENAM 0243 Maritime Literature and Culture
ENAM 0311 Nature's Renaissance
ENAM 0445 Recent Novels of Environmental Justice
ENVS 0209 Gender Health and the Environment

ENVS 0210 Social Class & the Environment
ENVS/ARBC 0245 Human Environment Relations: Middle East
ENVS 0330 Conserving Endangered Species
ENVS 0385 Global Political Ecology
ENVS/RELI 0395 Religion, Ethics, and the Environment
FMMC 0285 Sustainable TV: Producing Environmental Media
GEOG 0207 Resource Wars: A Geopolitical Perspective
GEOG 0208 Land and Livelihoods
GEOG 0209 Human Geography of Hazards
GEOG 0210 Geographic Perspectives on International Development
GEOG 0213 Population Geography
GEOG 0216 Rural Geography
GEOG 0225 Environmental Change in Latin America
GRMN 0445 Contemporary Germany and Sustainability
HARC 0231 Architecture and the Environment
HARC 0264 Art, Change, and the Global Environment
HARC 0327 Photography and the Environmental Ethos
HIST 0222 United States Environmental History: Nature and Inequality
HIST 0411 Readings in U.S. History: American Environmental History (formerly HIST 0406)
HIST 0441 Readings in African History: Environmental History (formerly HIST 0419)
INTD 0280 Middlebury's Foodprint:Introduction to Food Systems Issues
INTD 0281 Food, Power, & Justice
INTD 0310 Argoecology
PHIL 0356 Philosophy and the Environment
PSCI 0209 Local Green Politics
PSCI 0212 Comparative Environmental Politics
PSCI 0214 International Environmental Politics
PSCI 0421 American Environmental Politics
PSCI 0452 Global Environmental Justice
PSYC 0333 (formally PSYC 0233)Environmental Psychology
PSYC 0416 Environmental Problems and Human Behavior
SOAN 0159 Human Origins, Culture, and Biodiversity
SOAN 0211 Human Ecology
SOAN 0308 Environmental Sociology
SOAN 0320 Environmental Justice US
SOAN/LNGT 0395 Language and the Environment
or SOAN/LNGT 0495 Language and the Environment

IV. Senior Experience
All seniors are required to take ENVS 0401, the ENVS senior seminar devoted to community-connected learning and requiring significant interdisciplinary work. Note that some ENVS foci require independent work during the senior year. Students who are not required to do independent senior work in their focus may elect to do independent work in ENVS, which may be carried out as a one or more semester ENVS 0700 project, or as an ENVS thesis (at least one semester of ENVS 0700 followed by one semester of ENVS 0701). Senior independent work carried out in ENVS must be on a topic pertinent to the relationship between humans and environment and be supervised by a faculty advisor who is appointed in or affiliated with the environmental studies program. For additional important details, please visithttp://www.middlebury.edu/academics/es/requirements/seniorwork

ENVS 0112 Natural Science and the Environment (Fall 2017, Spring 2018)

We will explore in detail a series of current environmental issues in order to learn how principles of biology, chemistry, geology, and physics, as well as interdisciplinary scientific approaches, help us to identify and understand challenges to environmental sustainability. In lecture, we will examine global environmental issues, including climate change, water and energy resources, biodiversity and ecosystem services, human population growth, and world food production, as well as the application of science in forging effective, sustainable solutions. In the laboratory and field, we will explore local manifestations of global issues via experiential and hands-on approaches. 3 hrs. lect., 3 hrs. lab. **SCI** *(Fall 2017: P. Ryan; Spring 2018: M. Lapin)*

ENVS 0120 Spatial Thinking with Geographic Information Systems (Fall 2017, Spring 2018)

This course applies spatial thinking (integrating spatial concepts, spatial representations, and spatial reasoning) using geographic information systems (computer systems for processing location-based data). Students will learn to frame and solve a sequence of applied problems with GIS across a wide range of topics, including environmental planning, biogeography and conservation biology, environmental justice, political geography, and urban geography. Fundamental concepts and methods of GIS will include raster and vector data structures and operations, geographic frameworks, error and uncertainty, and principles of cartographic design. (First semester first year students and second semester seniors by waiver) 3 hrs. lect./3 hrs. lab. **DED**, **SOC** *(Fall 2017: J. Howarth, L. Dreiss; Spring 2018: J. Holler, L. Dreiss)*

Cross-listed as: GEOG 0120 *

ENVS 0209 Gender Health Environment (Spring 2018)

Growing concern for the protection of the environment and human health has led policy makers and scholars to consider ways in which gender, class, and race and other forms of identity mediate human-environment interactions. In this course we will explore how access to, control over, and distribution of resources influence environmental and health outcomes both in terms of social inequities and ecological decline. Specific issues we will cover include: ecofeminism, food security, population, gendered conservation, environmental toxins, climate change, food justice, and the green revolution. We will draw comparisons between different societies around the globe as well as look at dynamics between individuals within a society. The majority of case studies are drawn from Sub Saharan Africa and Asia, however some comparisons are also made with the United States. 3 hrs. lect. **AAL**, **CMP**, **SAF**, **SOC** *(M. Baker-Medard)*

Cross-listed as: GSFS 0209

ENVS 0211 Conservation & Env Policy (Fall 2017, Spring 2018)

Fall 2017

Conservation and Environmental Policy

This course examines conservation and environmental policy in the United States. In order to better understand the current nature of the conservation and environmental policy process, we will begin by tracing the development of past ideas, institutions, and policies related to this policy arena. We will then focus on contemporary conservation and environmental politics and policy making—gridlock in Congress, interest group pressure, the role of the courts and the president, and a move away from national policy making—toward the states, collaboration, and civil society. 3 hrs. lect./disc. **AMR**, **NOR**, **SOC** *(J. Isham)*

Spring 2018

Conservation and Environmental Policy

In this course we will examine conversation and environmental policy in the United States. We will begin by motivating the need for conservation and environmental policy and providing a brief history of environmental policy in the U.S. Next we will focus on the issue of local versus national control in governing environmental and conservation issues. We will then cover the process of policy design, implementation, and enforcement. Finally, we will explore benefit-cost analysis and the evaluation of public policies. The course will consist of lectures and classroom discussions related to the assigned readings and current environmental policy issues. 3 hrs. lect. **AMR**, **NOR**, **SOC** *(J. Isham)*

ENVS 0215 Contested Grounds: U.S. Cultures and Environments (Fall 2017, Spring 2018)

Throughout the history of the United States, Americans have created a complex set of meanings pertaining to the environments (wild, pastoral, urban, marine) in which they live. From European-Native contact to the present, Americans' various identities, cultures, and beliefs about the bio-physical world have shaped the stories they tell about "nature," stories that sometimes share common ground, but often create conflicting and contested understandings of human-environment relationships. In this course we will investigate these varied and contested stories from multi-disciplinary perspectives in the humanities—history, literature, and religion--and will include attention to race, class, gender, and environmental justice. 3 hrs. lect./disc. **AMR**, **NOR** *(Fall 2017: K. Morse; Spring 2018: D. Brayton)*

Cross-listed as: ENAM 0215

ENVS 0227 Encounters With the Wild: Nature, Culture, Poetry (I) (Spring 2018)

Civilization is often defined against wilderness. The two ideas are not exclusive but mutually constitutive, for wilderness and the wild turn out to be central to notions of the civil and the civilized. Poets have long been preoccupied by the boundaries and connections between these ideas. The word "poetry" itself comes from a Greek word for "craft" or "shaping"; thus, poetry implies the shaping of natural elements into an artful whole. In this course we will examine the literary history of this ongoing dialectic by reading and discussing masterpieces of Western literature, from ancient epics to modern poetry and folklore. As we do so we will rethink the craft of poetry, and the role of the poet, in mapping the wild. Readings will include *Gilgamesh*, *The Odyssey*, sections of *The Bible* and Ovid's *Metamorphoses*, *Beowulf*, *Sir Gawain and the Green Knight*, *A Midsummer Night's Dream*, *The Tempest*, and poems by Wyatt, Marlowe, Jonson, Donne, Marvell, Pope, and Thompson. (This course counts toward the ENVS Literature focus and the ENVS Environmental Non-Fiction Focus) lect./disc. **CMP**, **EUR**, **LIT** *(D. Brayton)*

Cross-listed as: ENAM 0227 *

ENVS 0231 Architecture and the Environment (Spring 2018)

Architecture has a dynamic relationship with the natural and cultural environments in which it operates. As a cultural phenomenon it impacts the physical landscape and uses natural resources while it also frames human interaction, harbors community, and organizes much of public life. We will investigate those relationships and explore strategies to optimize them, in order to seek out environmentally responsive architectural solutions. Topics to be covered include: analysis of a building's site as both natural and cultural contexts, passive and active energy systems, principles of sustainable construction, and environmental impact. Our lab will allow us to study on site, "off-the-grid" dwellings, hay-bale houses, passive solar constructions and alternative communities, meet with "green" designers, architects, and builders, and do hands-on projects. 3 hrs. lect./3 hrs. lab. **ART** *(A. Murray)*

Cross-listed as: HARC 0231 *

ENVS 0243 Maritime Literature and Culture (II) (Fall 2017)

Writers have long found the sea to be a cause of wonder and reflection. A mirror for some and a desert for others, the sea has influenced the imaginations of writers throughout history in vastly different ways. In this course we will read a variety of literary works, both fiction and non-fiction, in which the sea acts as the setting, a body of symbolism, an epistemological challenge, and a reason to reflect on the human relationship to nature. Readings will be drawn from the Bible, Homer's *Odyssey*, Old English Poetry, Shakespeare, Tennyson, Kipling, Conrad, Melville, Hemingway, Walcott, O'Brian, and others. 3 hrs. lect./disc. **LIT** *(D. Brayton)*

Cross-listed as: ENAM 0243 *

ENVS 0277 Body and Earth (Spring 2018)

This course has been designed for students with an interest in the dialogue between the science of body and the science of place. Its goals are to enhance movement efficiency through experiential anatomy and to heighten participants' sensitivity to natural processes and forms in the Vermont bioregion. Weekly movement sessions, essays by nature writers, and writing assignments about place encourage synthesis of personal experience with factual information. Beyond the exams and formal writing assignments, members of the class will present a final research project and maintain an exploratory journal. 3 hrs. lect. 1 hr. lab. **AMR**, **ART**, **CW** (5 seats), **NOR**, **PE** *(L. Jenkins)*

Cross-listed as: DANC 0277 *

ENVS 0327 Photography and the Environmental (Fall 2017)

Since the invention of photography in 1839, photographers have turned their gaze toward the world around them. Working on the land, they have considered issues of land management and natural resources in a variety of ways. In this course we will explore the question of how American photographers from the 19th century to the present have used their photographs as a way of raising awareness about a variety of environmental questions. Artists to be considered may include: Timothy O'Sullivan, William Henry Jackson, Carleton Watkins, Annie Brigman, Ansel Adams, Laura Gilpin, Richard Misrach, and Edward Burtynsky. 3 hrs. lect/disc. **AMR**, **ART**, **HIS**, **NOR** *(K. Hoving)*

Cross-listed as: HARC 0327 *

ENVS 0349 From Social Justice to Environmental Justice (Spring 2018)

We will examine environmental justice cases in the context of the social justice movements that have preceded them, paying particular attention to how these earlier movements have influenced the challenges and tactics of environmental justice today. Drawing on the work of Mohandas Gandhi, Martin Luther King Jr., Dorothy Day, and others, we will explore the roles race, class, gender, and religion have played in confronting poverty, racism, and violence. We will then investigate contemporary environmental justice movements, using case studies to explore how these movements are rooted in, as well as distinct from, social justice movements of earlier periods (ENVS 0215 or any 100 or 200 level course in Religion or by permission) (not open to students who have taken ENVS 1028) **AMR**, **NOR**, **PHL** *(R. Gould)*

ENVS 0385 Global Political Ecology (Spring 2018)

In this course we will draw on theories of social and political change to understand the systematic causes of inequality and environmental degradation around the world. Using a political ecology lens, we will look at both proximate as well as ultimate drivers of environmental conflict focusing on the relations between production and consumption, representation and regulation, rights and responsibilities, and information and norms. We will compare the disproportionate distribution of environmental benefits and burdens across communities and nations. We will also study prospective solutions, focusing on the role of individuals and organizations in achieving these solutions. (ENVS 0211 or PSCI 0214) 3 hrs. sem. **CMP**, **SOC** *(D. Suarez)*

ENVS 0401 Environmental Studies Senior Seminar (Fall 2017, Spring 2018)

Fall 2017

Environmental Studies Senior Seminar
See section for course description. *(R. Gould, N. Barnicle)*

Spring 2018

Section A
Environmental Studies Senior Seminar
A single environmental topic will be explored through reading, discussion, and individual research. Topics will vary from semester to semester, but will focus on issues with relevance to the local region and with interdisciplinary dimensions, such as temperate forests, lake ecosystems, or public lands policy. The class involves extensive reading, student-led discussions, and a collaborative research project. Project will focus on housing, inequality, and associated policy questions as part of Vermont's evolving energy landscape and transition to a low carbon future. (Senior standing; ENVS 0112, ENVS 0211, ENVS 0215, and GEOG 0120) 3 hrs. sem./3 hrs. lab *(M. Baker-Medard, N. Barnicle)*

Section B
Environmental Studies Senior Seminar
A single environmental topic will be explored through reading, discussion, and individual research. Topics will vary from semester to semester, but will focus on issues with relevance to the local region and with interdisciplinary dimensions, such as temperate forests, lake ecosystems, or public lands policy. The class involves extensive reading, student-led discussions, and a collaborative research project. Projects will focus on landscape scale planning and management for multiple values (e.g. biodiversity, water quality, and food production). (Senior standing; ENVS 0112, ENVS 0211, ENVS 0215, and GEOG 0120) 3 hrs. sem./3 hrs. lab *(J. Elder, N. Barnicle)*

ENVS 0500 Independent Study (Fall 2017, Spring 2018)

In this course, students (non-seniors) carry out an independent research or creative project on a topic pertinent to the relationship between humans and the environment. The project, carried out under the supervision of a faculty member with related expertise who is appointed in or affiliated with the Environmental Studies Program, must involve a significant amount of independent research and analysis. The expectations and any associated final products will be defined in consultation with the faculty advisor. Students may enroll in ENVS 0500 no more than twice for a given project. (Approval only)

ENVS 0700 Senior Independent Study (Fall 2017, Spring 2018)

In this course, seniors complete an independent research or creative project on a topic pertinent to the relationship between humans and the environment. During the term prior to enrolling in ENVS 0700, a student must discuss and agree upon a project topic with a faculty advisor who is appointed in or affiliated with the Environmental Studies Program and submit a brief project proposal to the Director of Environmental Studies for Approval. The expectations and any associated final products will be defined in consultation with the faculty advisor. Students may enroll in ENVS 0700 as a one-term independent study OR up to twice as part of a multi-term project, including as a lead-up to ENVS 0701 (ES Senior Thesis). (Senior standing; Approval only)

ENVS 0701 Senior Thesis (Fall 2017, Spring 2018)

This course is the culminating term of a multi-term independent project, resulting in a senior thesis on a topic pertinent to the relationship between humans and the environment. Approval to enroll is contingent on successful completion of at least one term (and up to two) of ENVS 0700 and the approval of the student’s thesis committee. The project, carried out under the supervision of a faculty advisor who is appointed in or affiliated with the Environmental Studies Program, will result in a substantial piece of scholarly work that will be presented to other ENVS faculty and students in a public forum and defended before the thesis committee. (Senior standing; ENVS major; ENVS 0112, ENVS 0211, ENVS 0215, GEOG 0120, and ENVS 0700; Approval only)

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Department of Film & Media Culture

***Major Requirements*:** Students must complete ten courses to satisfy the requirements for a major in Film and Media Culture. Before declaring a Film and Media Culture major, the student must have completed or be currently enrolled in one of the basic core courses. Those courses are as follows:
Basic Core Course Requirements: FMMC 0101 Aesthetics of the Moving Image; FMMC 0102 Film History; FMMC 0104 TV and American Culture; and one production course - either FMMC 0105 Sight and Sound or FMMC 0106 Writing for the Screen I. The basic core courses must be completed by the end of the junior year.
Required Advanced Courses: One 0300 level course in theory -- FMMC 0354, FMMC 0355, FMMC/GSFS 0358, FMMC 0360, or another approved 0300 level course -- to be completed during junior year; and FMMC 0700 Film and Media Senior Tutorial.
Electives: Four additional FMMC courses, with no more than two of these being a production or screenwriting courses. With the prior permission of a student's academic advisor, one winter term FMMC course may be counted as an elective. Students taking courses focused on film and media taught in a foreign language, either at Middlebury or abroad, may request major elective credit from the FMMC chair. Note that courses may not count toward both FMMC and another department's major or minor. Courses transferred from other institutions will *normally* count only as an elective toward the FMMC major, not to fulfill core requirements.
Minor: Three required courses - FMMC 0101 Aesthetics of the Moving Image, FMMC 0102 Film History, FMMC 0104 TV and American Culture. In addition, minors must take three additional courses that are listed or cross-listed as FMMC. At least one of the three electives must be at the 0300 or 0400-level. Only one of the three electives may be from the production/screenwriting area.
Joint Major: The joint major with FMMC is a combination of two disciplines, culminating in a joint senior project; the plan for joint majors is negotiated between the student and the two departments in which the joint program of study is pursued at the time of declaring the joint major. **The senior project** must combine aspects of both majors and in most cases will require approval, supervision, and evaluation from either departments or programs. The Film and Media Culture part of the joint major requires a minimum of seven courses, including the FMMC core requirements, FMMC 0700 Film and Media Senior Tutorial, and any courses required or appropriate prior to undertaking the joint senior project.FMMC supports concentrations in American Studies and Environmental Studies, as detailed on their respective pages.
Honors: The faculty of Film and Media Culture will award honors to select students based on their overall excellence in film and media coursework with a minimum GPA of 3.7, and on the merit of their senior project.

FMMC 0101 Aesthetics of the Moving Image (Fall 2017, Spring 2018)

How do films convey meaning, generate emotions, and work as an art form? What aspects of film are shared by television and videogames? This course is designed to improve your ability to watch, reflect on, and write about moving images. The course will be grounded in the analysis of cinema (feature films, documentaries, avant-garde, and animation) with special focus on film style and storytelling techniques. Study will extend to new audio-visual media as well, and will be considered from formal, cultural, and theoretical perspectives. 3 hrs. lect./3 hrs. screen **ART** *(Fall 2017: L. Stein; Spring 2018: N. Dobreva)*

FMMC 0102 Film History (Fall 2017)

This course will survey the development of the cinema from 1895 to present. Our study will emphasize film as an evolving art, while bearing in mind the influence of technology, economic institutions, and the political and social contexts in which the films were produced and received. Screenings will include celebrated works from Hollywood and international cinema. 3 hrs. lect./3 hrs. screen **ART**, **HIS** *(A. Grindon)*

FMMC 0104 Television and American Culture (Spring 2018)

This course explores American life in the last six decades through an analysis of our central medium: television. Spanning a history of television from its origins in radio to its future in digital convergence, we will consider television's role in both reflecting and constituting American society through a variety of approaches. Our topical exploration will consider the economics of the television industry, television's role within American democracy, the formal attributes of a variety of television genres, television as a site of gender and racial identity formation, television's role in everyday life, and the medium's technological and social impacts. 2 hrs. lect./3 hrs. screen **AMR**, **NOR**, **SOC** *(J. Mittell)*

Cross-listed as: AMST 0104

FMMC 0105 Sight and Sound I (Fall 2017, Spring 2018)

In this course students will gain a theoretical understanding of the ways moving images and sounds communicate, as well as practical experience creating time-based work. We will study examples of moving images as we use cameras, sound recorders, and non-linear editing software to produce our own series of short works. Emphasis will be placed on understanding the possibilities of the medium through experimentation, analysis, and detailed feedback while exploring different facets of cinematic communication. (FMMC 0101, or FMMC 0102, or approval of instructor) 3 hrs. lect./3 hrs. lab **ART** *(Fall 2017: N. Ngaiza; Spring 2018: E. Murphy)*

FMMC 0106 Writing for the Screen I (Fall 2017)

In this course we will examine the fundamental elements of dramatic narrative as they relate to visual storytelling. We will emphasize the process of generating original story material and learning the craft of screenwriting, including topics such as story, outline, scene structure, subtext, character objectives, formatting standards, and narrative strategies. Weekly writing assignments will emphasize visual storytelling techniques, tone and atmosphere, character relationships, and dialogue. Students will be required to complete two short screenplays. Required readings will inform and accompany close study of selected screenplays and films. (FMMC 0101 OR CRWR 0170 or approval of instructor) (Formerly FMMC/ENAM 0106) 3 hrs. sem. **ART** *(D. Miranda Hardy)*

Cross-listed as: CRWR 0106 ENAM 0240 FMMC 0240

FMMC 0175 Anime: Masterworks of Japanese Animation (Fall 2017)

How did anime emerge as a distinctive national genre in global popular culture at the turn of the 21st century? What social conditions in Japan promoted adaptations of manga (graphic novels) into feature-length films for adult audiences? In this course students will address these questions by analyzing the forms and contexts of ten masterworks by the most prominent directors of Japanese animation. We will study the relation of anime to classic Disney films, live-action Hollywood cinema, and Japanese aesthetic traditions. Students will probe the political and ethical questions anime raises about the atomic bombings of World War II, individual identity, consciousness and the body, and the human impact on the natural environment. We will study several directors and give special attention to Miyazaki as an anime auteur. Films include *Grave of the Fireflies*, *Akira*, *Ghost in the Shell*, *Perfect Blue*, *My Neighbor Totoro*, *Spirited Away*, and *The Wind Rises*. 3 hrs. lect. **AAL**, **ART**, **NOA** *(C. Cavanaugh)*

Cross-listed as: JAPN 0175 *

FMMC 0215 3D Computer Animation (Fall 2017)

3D computer animation has revolutionized animation, graphics, and special effects. In this course students will explore basic 3D modeling techniques, virtual material and texture creation, digital lighting, rendering, and animation. Every workshop will be hands on and fully immersed in this rapidly evolving technology. Students will leave with a strong conceptual understanding of the 3D graphics pipeline, a fundamental 3D skill set, options for further study, and an independent final animation project. 3 hrs. workshop **ART** *(D. Houghton)*

Cross-listed as: INTD 0215 *

FMMC 0221 Sherlock Holmes Across Media (Fall 2017)

Sir Arthur Conan Doyle created Sherlock Holmes in 1886. Since then, the consulting detective has continued to solve mysteries in literature, radio, film, television, and digital media. Indeed, Sherlock Holmes inspired what many think of as the earliest media fandom. Why has Sherlock Holmes remained such a fascinating figure for almost a century and a half? How have Holmes and his sidekick Watson (or Sherlock and John) transformed in their different iterations across media, culture, history, and nation? And what does it mean for contemporary television series *Elementary* and *Sherlock* to reimagine Sherlock Holmes for the digital age? (Not open to students who have taken FYSE 1457) **ART**, **EUR**, **LIT** *(L. Stein)*

FMMC 0225 Gothic and Horror (Spring 2018)

This course examines the forms and meanings of the Gothic and horror over the last 250 years in the West. How have effects of fright, terror, or awe been achieved over this span and why do audiences find such effects attractive? Our purpose will be to understand the generic structures of horror and their evolution in tandem with broader cultural changes. Course materials will include fiction, film, readings in the theory of horror, architecture, visual arts, and electronic media. 3 hrs. lect./disc. 3 hrs lect. **AMR**, **HIS**, **NOR** *(M. Newbury)*

Cross-listed as: AMST 0225 *

FMMC 0232 Documentary: Art of the Nonfiction Film (Fall 2017)

Documentary film combines nonfiction with an aesthetic aspiration. This course will explore the achievement in the documentary, raising issues about the influence of documentary upon political persuasion, historical memory, the status of film as evidence, and its utility as a means of investigation. Questions will be posed, such as: Can documentary achieve a distinctive understanding of a phenomenon? How does nonfiction address/guide the relationship between sound, image, and subject? The course will offer a historical perspective, as well as study contemporary works, with the aim of preparing students to both understand and produce documentary films. 3 hrs. lect./3 hrs. screen. **ART** *(A. Grindon)*

FMMC 0239 The Cinema of Alfred Hitchcock (Fall 2017)

We will watch about 20 of Hitchcock’s films with an eye toward understanding why contemporary film directors consider his films exemplary of the greatest cinematic artistry: Hitchcock always finds new ways of telling a story visually by the way he uses his camera, especially the subjective camera. We will learn his rules for cinema, such as “the bigger the emotion the bigger the close-up.” We will also define his recurring themes, images, and motifs, such as obsessive love, the wrong man, dangling over the abyss, and a man and a woman saving one another by clasping hands. Among the films we will analyze are his masterpieces, *Rear Window*, *Vertigo*, *North by Northwest*, and *Psycho*. 3 hrs. lect./disc./screening **AMR**, **ART**, **NOR** *(J. Bertolini)*

Cross-listed as: ENAM 0239 *

FMMC 0240 Guns and Swords: Violence and Masculinity in Japanese and American Films (Fall 2017)

Cowboys, samurai, gangsters, and yakuza are fabled figures embodying national myths of honor and resistance in American and Japanese films. Swordfight and gunfight genres grapple with the issue of lethal weapons in the hands of individuals when the power of the state is absent, corrupt, or ineffectual. Familiar motifs, archetypal characters, and straightforward plots uphold traditional aspirations threatened by the forces of modernity. Japanese and American directors have exploited these conventions to create cinematic masterpieces about questions of violence, righteousness, and masculinity. In this course we will explore cross-cultural influences between swordfight and gunfight genres as we compare their heroes, antiheroes, conflicts, and codes. Films for study include *Seven Samurai, Yojimbo, The Tale of Zatoichi, The Searchers, High Noon, Unforgiven, Pale Flower, Tokyo Drifter, Branded to Kill, White Heat, The Godfather, and Goodfellas*. 3hrs. lect/disc. **AAL**, **ART**, **CMP**, **NOA** *(C. Cavanaugh)*

Cross-listed as: JAPN 0240 * FMMC 0106 *

FMMC 0267 Gender and Sexuality in Media (Spring 2018)

In this course, we will explore the intersecting roles played by gender and sexuality in our media, focusing specifically on film, television, and digital culture. We will examine the multiple ways in which popular media texts construct and communicate gender and sexuality, and we will analyze the role of gender and sexuality in the processes of spectatorship and meaning-making. We will study a wide range of theories of gender and sexuality in media including feminist film theory, queer media theory, and literature on gender and sexuality in video game history and culture. 3 hrs. lect./3 hrs. screen. **SOC** *(L. Stein)*

Cross-listed as: GSFS 0267

FMMC 0276 Remix Culture (Spring 2018)

With the spread of digital technologies, remix has come to the forefront as a major form of artistic work and cultural and political commentary. In this course we will explore the history, cultural and legal impact, and creative logics of remix traditions. We will examine how digital technologies shape transformative creativity. Drawing on the work of theorists such as DJ Spooky and Lawrence Lessig, we will consider the creative and legal ramifications of remix logics. We will explore a range of remix works across media with a focus on video. Students will also produce remixes through individual and group work. 3 hrs. lecture/3 hrs. screening **AMR**, **ART**, **NOR**, **SOC** *(L. Stein)*

FMMC 0320 Directing Strategies: From Paper to Screen (Spring 2018)

In this course we will examine the creative processes involved in directing dramatic material for the screen, with emphasis on the specificity of our medium. Through rigorous analysis of existing media, we will understand the dramatic and interpretative choices made by film writers, directors, and editors. Through hands-on exercises, we will develop scene analysis techniques, rehearsal methodologies, and pre-visualization strategies. Students will apply these skills to the directing of dramatic scenes. (FMMC 0105) 3 hrs. Lect., 3 hrs. Lab *(D. Miranda Hardy)*

FMMC 0334 Videographic Film and Media Studies (Fall 2017)

Digital video technologies—such as DVDs, digital editing software, and online streaming—now enable film and media scholars to “write” with the same materials that constitute their object of study: moving images and sounds. But such a change means rethinking the rhetorical modes traditionally used in scholarly writing, and incorporating more aesthetic and poetic elements alongside explanation and analysis. In this hands-on course, we will both study and produce new videographic forms of criticism often known as “video essays,” exploring how such work can both produce knowledge and create an aesthetic impact. (FMMC 0101 or FMMC 0105 or by approval) 3 hrs. sem *(J. Mittell)*

FMMC 0335 Sight and Sound II (Fall 2017)

In this course students will work in teams to produce several short films, having the opportunity to take turns at fulfilling all the essential crew positions: director, producer, cinematographer, production sound mixer, editor, and sound designer. We will emphasize thorough pre-production planning, scene design, cinematography, working with actors, and post production —including color correction and sound mixing. The critical dialogue established in FMMC 0105 Sight and Sound I will be extended and augmented with readings and screenings of outstanding independently produced work. Obtain application on FMMC website online and submit prior to the start of registration.(Approval-required; FMMC 0105). Obtain application from the FMMC website and submit prior to the start of registration. Priority given to FMMC majors. 3 hrs. lect./3 hrs. lab. **ART** *(I. Uricaru)*

FMMC 0341 Writing for the Screen II (Spring 2018)

Building on the skills acquired in Writing for the Screen I, students will complete the first drafts of their feature-length screenplay. Class discussion will focus on feature screenplay structure and theme development using feature films and screenplays. Each participant in the class will practice pitching, writing coverage, and outlining, culminating in a draft of a feature length script. (Approval required, obtain application on the FMMC website and submit prior to spring registration) 3 hrs. sem/3 hrs. screen. **ART** *(I. Uricaru)*

Cross-listed as: CRWR 0341

FMMC 0346 Special Topics in Media Production: Sound Aesthetics and Production (Fall 2017)

Ever since the invention of recording, sound has increasingly been incorporated into all forms of contemporary art. In this course we will investigate the aesthetic power of sound as an expressive medium, while reviewing the rich history of sound art and its influence in a wide range of audiovisual practices. Through creative projects, lectures, auditions, and readings, we will develop students' sensibilities and imagination concerning the use of sound, while improving their critical thinking and listening skills. We will cover basic concepts of acoustics, sound technology, audiovisual analysis, and sound production for film/video. (FMMC 0105 or by approval) 3 hrs. lect., 3 hrs. lab. **ART** *(D. Miranda Hardy)*

FMMC 0360 Methods of Film Criticism (Spring 2018)

In this seminar we will study film criticism. Questions include: How does criticism combine description, analysis, interpretation and evaluation? What are the values and techniques of various methods of film analysis, such as genre, authorship and neo-formalism? What can techniques, such as plot segmentation, teach us about film narrative? How can criticism take into account the response of the spectator? Films considered will be those which raise particular challenges for the film critic. This is an intensive writing course. Assignments will include readings, screenings, class presentations, short papers, and a 10-12 page research essay. (FMMC 0101 or FMMC 0102 or instructor's approval) 3 hrs. lecture/3 hrs. screen. **CW** *(A. Grindon)*

FMMC 0507 Advanced Independent work in Film and Media Culture (Fall 2017, Spring 2018)

Guidelines for submitting proposals are available on the Film & Media Culture web site along with a list of prerequisites. *(Fall 2017: I. Uricaru, A. Grindon, D. Miranda Hardy, L. Stein, J. Mittell, N. Ngaiza; Spring 2018: J. Mittell, L. Stein, I. Uricaru, A. Grindon, N. Ngaiza)*

FMMC 0700 Film and Media Senior Tutorial (Spring 2018)

All FMMC majors must complete this course, in which they undertake a critical essay, a screenplay, or a video. The following prerequisite courses are required: for a video project: FMMC 0105, FMMC 0335, FMMC/CRWR 0106; for a screenwriting project: FMMC 0105, FMMC/CRWR 0106, FMMC/CRWR 0341; for a research essay: demonstrated knowledge in the topic of the essay, as determined in consultation with the project advisor, and coursework relevant to the topic as available. *(A. Grindon, I. Uricaru)*

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Lois ’51 and J. Harvey Watson Department of French and Francophone Studies

Required for the Major in French: Total of no fewer than 10 courses. All courses for the major must be taught in French.

I.Two introductory-level courses in literature and methodology: FREN 0210*, FREN 0221*, or specified courses in France (Paris, Poitiers, Bordeaux), or Cameroon; or equivalent in the Middlebury summer French School when offered.
II. One course in contemporary French or Francophone studies (literature, politics, film, anthropology, etc.): FREN 0230, courses on contemporary France, or specified French or Francophone studies in France (Paris, Poitiers, Bordeaux), or Cameroon; or equivalent in the Middlebury summer French School when offered.
III. One course on the history of France or a Francophone region or country.
IV. Three advanced courses in French or Francophone studies (FREN 0300 level).
V. One unit of senior work, usually a senior seminar (FREN 0400 level. Honors candidates may fulfill the senior work requirement by writing an Honors essay (FREN 0700) or Honors thesis (FREN 0701).

During their senior year, majors must take at least one advanced course (Category IV) in French at Middlebury in addition to the senior seminar.

Other courses counting for the major include:

(1) At the Vermont campus: FREN 0205, FREN 0255, among others; certain advanced courses offered during the winter term (with permission of the chair); certain summer courses at the 0300 (intermediate) or 0400 (advanced) level; and,

(2) In France and Cameroon: language and linguistics courses; comparative literature (with a major French or Francophone component); French or Francophone arts, theatre, cinema, television, or politics.

All majors study abroad for a semester or a year in a French-speaking country. The year program carries nine units of credit; the semester program carries four or five units of credit. In order to ensure that students are exposed to a variety of disciplines, no more than five units (full-year program) or three units (semester program) may be counted toward a Middlebury French major. Most courses in France will be at the advanced level.
The French Department does not offer a joint major.

Required for a Minor in French: Minimum of five courses, FREN 0205 and above, including at least two introductory courses (FREN 0210*, FREN 0221*, FREN 0230) and at least one course at the advanced level (Category IV) to be taken during the students final two semesters. The minor may include courses taken at the Middlebury School in France or the School in Cameroon (maximum of two from the semester program, three from the full-year program). Students electing the French minor are encouraged to consult with faculty members in the French Department about course planning.

Students with a College Board AP score of 4 or 5 will receive one unit of credit toward

graduation if the first course successfully completed at Middlebury is FREN 0210 or above in accordance with placement and departmental advising. AP credits may not be counted toward the major or minor.

Senior Work: Upon completing at least two 0300-level courses in French or Francophone studies, majors are required to complete senior work consisting of a significant research paper in the context of a senior seminar (0400-level).

Honors: Exceptional students with a grade point average in French of 3.8 or higher may petition the department to pursue an independent project for honors in French. Candidates for honors may propose a one-semester senior honors essay (FREN 0700) or a senior honors thesis (FREN 0701, one semester and winter term). Eligible students should consult the departmental guidelines and present their proposals well in advance of registration for the term in which the work is to be started. The department will determine whether to award honors, high honors, or highest honors on the basis of a student's work in the department and performance on the senior honors project.
International and Global Studies Major with French Language: Along with other required courses and senior work as described in the International and Global Studies Major section, completion of the French language component requires: (1) proficiency in French (a minimum of two of FREN 0210*, 0221*, 0230, or work in the French summer school at the 0300 level or above); (2) at least one semester, and preferably a year, at the Middlebury College School in France, or in Cameroon, or in another French-speaking country; and (3) one or more courses at the 0300 or 0400-level upon return from abroad.

International and Global Studies Major, European Studies Track:
[For Classes of 2015.5 and 2016 only. New rules, available in the International and Global Studies section, apply to the Class of 2017]
(1) Language proficiency: see above; (2) regional specialization: choose from FREN 0230 and courses at the 0300-level, or others (Vermont campus), in consultation with the track director; courses in French or Francophone studies at Middlebury in France or in another French-speaking country; (3) disciplinary specialization: two courses from FREN 0210*, 0221*, 0230; three advanced French or Francophone studies courses at Middlebury or one of the Middlebury Schools in France; (4) at least one semester, and preferably a year, at the Middlebury College School in France or in another French-speaking country; and (5) one or more courses at the 0300 or 0400 level, or senior independent work in French, upon return from abroad.

Study Abroad in France and in Cameroon: Middlebury offers both year and semester abroad programs in France (Paris, Poitiers and Bordeaux) and in Cameroon. Students planning to study in France or Cameroon must have completed two full years of college credit by the time they undertake their study abroad; they must have successfully completed at least one course beyond FREN 0210* (either FREN 0221* or FREN 0230) by the time they arrive abroad; and they must have an average in French of at least B. We expect all applicants to demonstrate their commitment to French and maintain their fluency by continuous study of French from the time of their enrollment at Middlebury and to maintain their academic level if they are accepted to study abroad. They are required to take a French course in the semester before study abroad. Students may count three courses from the semester program, five from the full year program toward a major in French; two courses from the semester program and three from the full year program toward a minor in French.

It should be noted that while students wishing to attend one of our programs in France or in Cameroon must demonstrate a level of proficiency in the language that will allow them to function successfully in the French or Cameroonian university setting, they need not be French

majors: the C.V. Starr-Middlebury School in France (Paris, Poitiers, and Bordeaux) offers students the opportunity to take courses in history, history of art, economics, cinema, political science, psychology, sociology, studio art, the natural sciences, and the environment, among other disciplines, in addition to courses in languages and literature. Students interested in studying abroad should speak to someone in the Office of International Programs & Off-Campus Study, Sunderland Language Center, well in advance of applying. They will need to seek prior approval of School in France and School in Cameroon courses from the appropriate department chairs if they wish course work to count toward a specific minor or major. The Office of Off-Campus Study will provide information about the program and application forms.

*Where FREN 210 and FREN 221 are referenced, new courses FREN 209 and FREN 220 can replace respectively.

FREN 0101 Intensive Beginning French (Fall 2017)

For students who have not previously studied French, an introduction to listening, speaking, reading, and writing in French, providing the syntactic and semantic foundation of the French language in a concentrated program of grammar presentation, drills, laboratory work, and discussion. Primary emphasis will be placed on the student's active use of the language, and weekly attendance at the French language table will be required. This course does not fulfill the foreign language distribution requirement. Students are expected to continue with FREN 0102 in the winter term after successfully completing FREN 0101, and with FREN 0201in the spring. 6 hrs. lect./disc. *(A. Crouzieres-Ingenthron, B. Humbert)*

FREN 0105 Accelerated Beginning French (Spring 2018)

This intensive course is a condensation of FREN 0101 and 0102 for students who have never before studied French. We will focus on the development of all four communicative skills in an immersion-style environment. Primary emphasis will be placed on increased oral proficiency through audiovisual, conversational, and drill methods. Upon successful completion of this course students will be prepared for second-year French in the fall. Weekly attendance at the French language table will be required. 6 hrs. lect./disc./1 hr. drill *(J. Weber)*

FREN 0201 Beginning French (Spring 2018)

Emphasis on increased control and proficiency in the language through audiovisual, conversational, and drill methods. Readings and film enlarge the student's view of French life and culture. (FREN 0102 or by placement) 5 hrs. lect./disc. **LNG** *(E. Dessein, J. Weber)*

FREN 0203 Intermediate French II (Fall 2017)

An active and intensive review of French grammar for students having had good beginning-level training in French. We will work not only to perfect mastery of the structures of the language with practice of writing and reading, but also to develop oral comprehension and production skills. (FREN 0103 or FREN 0105 or placement) 5 hrs. lect./disc. **LNG** *(M. McWilliams, A. Crouzieres-Ingenthron)*

FREN 0205 Toward Liberated Expression (Fall 2017, Spring 2018)

A course designed to increase and perfect the ability to express oneself in spoken and written French. Emphasis on precision, variety, and vocabulary acquisition. Sections limited to 15 students. (FREN 0203 or placement) This requirement for the major and the minor may be satisfied by placement at a higher level. 3 hrs. lect./disc. **LNG** *(Fall 2017: W. Poulin-Deltour, P. Schwartz; Spring 2018: M. McWilliams, E. Dessein)*

FREN 0209 Self & Society: Effective Writing in French (Fall 2017, Spring 2018)

In this course, students will deepen their knowledge of the French language and French-speaking cultures while developing their reading and writing skills through examination of a variety of texts and media. This course facilitates the transition from language-oriented courses (FREN 0205) to content-oriented courses (such as FREN 0220 and FREN 0230) by introducing students to strategies for interpretation and discussion, with a focus on effective writing. Course materials may include essays/articles, theater, fiction, poetry, videos, and films. (FREN 0205 or by placement) 3 hrs. lect./disc. **EUR**, **LNG** *(Fall 2017: C. Nunley, B. Humbert; Spring 2018: M. McWilliams, B. Humbert)*

FREN 0220 Imagining Community in France and Beyond (Fall 2017)

In this course we will examine how notions of community have been imagined within French culture, drawing on a variety of sources including essays, short novels and film. Particular attention will be given to works in which difference (ethnic, regional, national, generational, class) plays an important role in initiating and sustaining innovative forms of partnership. The course provides an array of opportunities to hone oral expression, critical thinking and writing in French. Writers and directors studied may include Chamoiseau, Dai Sijie, Daudet, Duras, Gary, Glissant, Kassovitz, Malle, and Tournier. (FREN 0210 or placement) 3 hrs. lect./disc. **CMP**, **CW** (6 seats), **EUR**, **LIT**, **LNG** *(C. Nunley)*

FREN 0221 From Romanticism to Modernism (Spring 2018)

The 19th and 20th centuries were marked by social and political revolutions and by literary and artistic movements that changed our attitudes to art and to ourselves, including romanticism, realism, symbolism, surrealism, and existentialism. We will study literary texts, artistic and philosophical movements, and the social circumstances that conditioned them. Close readings of the texts (including prose, drama, and poetry) will develop critical vocabulary and writing skills. Authors may include Hugo, Balzac, Flaubert, Baudelaire, Gide, Camus, Sartre, and Francophone writers. (FREN 0210 or placement) 3 hrs. lect./disc. **EUR**, **LIT**, **LNG** *(A. Crouzieres-Ingenthron)*

FREN 0230 Introduction to Contemporary France (Fall 2017, Spring 2018)

In this interdisciplinary course we will examine the evolving social and political landscape of France in the 21st century. How is French society reconciling contemporary challenges with deeply entrenched institutions and values? How does everyday life reflect the evolution of long-term trends? How are immigration, growing inequalities, and membership in the European Union challenging French identity and the notion of “Frenchness”? We will focus our attention on demography and the family, the educational system, politics, and the French social model or welfare state. Emphasis will be on oral expression and the acquisition of specialized vocabulary. Sources will include articles from the French and American press, documents, and film. This course is recommended for all students planning to study in France. (FREN 0210 or FREN 0221; open to first-semester first-year students with permission.) **EUR**, **LNG**, **SOC** *(W. Poulin-Deltour)*

FREN 0343 Paris on Film (Spring 2018)

In this course we will focus on the representation of Paris in French cinema. In the first part of the course we will study different time periods and cinematic styles: the Poetic Realism of the 1930s (Marcel Carné’s *Hotel du Nord*), the New Wave of the late 1950s and early 1960s (Agnès Varda’s *Cléo de 5 à 7*), and the *banlieue* films of the 1990s (Mathieu Kassovitz’s *La Haine*). In the second part of the course we will look at influences and novelties in 21st century films, including Jean-Pierre Jeunet’s *Amélie*, Cédric Klapisch’s *Paris*, and Julie Delpy’s *2 Days in Paris*. We will also examine a few representations of Paris in American cinema, such as Minelli’s *An American in Paris* (1951) and Woody Allen's *Midnight in Pari/s (2011). (FREN 0220, 0221 or FREN 0230, or by waiver) 3 hrs lect/disc +2 hrs. screenings* **ART**, **EUR**, **LNG** *(B. Humbert)*

FREN 0359 Resistance and Memory: France in the Second World War (Fall 2017)

The Second World War has cast a long shadow over France's postwar history and politics. Contemporary events are still refracted through the prism of a past that, as one historian has noted, never seems to go away. We will focus on a critical aspect of that past, the French Resistance, a politically and socially diverse underground movement that took root in a divided nation under the collaborationist Vichy regime and German occupation. What forms did refusal take, how did resistance function, and what motivated resisters to risk their lives? We will examine the myths, realities, and legacy of the Resistance through original documents and period artifacts, memoirs and testimony, film and fiction, and seminal works of postwar historiography. 3 hrs. lect/disc. *(P. Schwartz)*

FREN 0379 Poetry and Painting in France: 1850-1950 (Fall 2017)

In this course we will study the relationship between poetry and painting from about 1850 to 1950. Romanticism brings the arts together in redefining the role of the artist and of the creative process. We will examine poets who paint (Hugo, Gautier) and see how their art influences their poetry, before focusing on Baudelaire (his fascination with Delacroix, the visual aspect of his poetry, Manet's resemblance to him). Surrealism will introduce us to poets and painters working together toward a complementary creative expression (for example, Eluard and Man Ray) in which the metaphor is experienced similarly in poetry and in painting. (FREN 0221 or by waiver). 3 hrs. lect./disc. **ART**, **EUR**, **LIT**, **LNG** *(M. McWilliams)*

FREN 0394 New French Identities: Black and Beur Expression (Spring 2018)

This course will focus on second-generation children of immigrants from the Caribbean, North and Sub-Saharan Africa, and will examine the problems of the (re)construction of the self, gender identity, relationship to family and country of origin, the role of the French educational system, and the challenges of social adaptation, stereotypes, and cultural ghettoes. We will analyze the historical, social, and political events that have shaped the identities of this young generation in France, as reflected in literature and film. Readings and films may include works by Allouache, Begag, Beyala, Diome, Dridi, Mabanckou, Pineau, and Sebbar. 3 hrs lect./disc. (FREN 0220, 0221 or by waiver) **AAL**, **CMP**, **LIT**, **LNG** *(A. Crouzieres-Ingenthron)*

FREN 0500 Independent Project (Fall 2017, Spring 2018)

Qualified students may be permitted to undertake a special project in reading and research under the direction of a member of the department. Students should seek an advisor and submit a proposal to the department well in advance of registration for the term in which the work is to be undertaken. (Approval required)

FREN 0700 Senior Honors Essay (Fall 2017, Spring 2018)

(Approval required).

FREN 0701 Senior Honors Thesis (Fall 2017, Spring 2018)

Qualified senior majors who wish to be considered for Honors in French must submit a proposal well in advance of registration for the term in which the work is to be undertaken. (Approval required; see requirements above.)

↑ Top

Program in Gender, Sexuality and Feminist Studies

Program in Gender, Sexuality, & Feminist Studies

All students declaring a GSFS major, joint major, or minor beginning Fall 2017 will adopt the following requirements. Students who declared their major prior to Fall 2017 may choose whether to adopt these requirements or to complete their study following the old requirements (see below).

The major requires a minimum of ten courses and comprises several discrete aspects, as outlined below
***Major requirements (10 courses)*:**

- GSFS/SOAN 0191
- GSFS 0200
- GSFS 0289
- GSFS 0320
- GSFS 0435

Breadth Requirements: 2 courses, one in each

a. Critical Race Feminisms
b. National/Transnational Feminism

- Electives (2 courses) bearing the GSFS prefix
- Senior Work (one-semester capstone or two-semester thesis)

***Breadth Requirements*(two courses):**To ensure that students are conversant with and have some in-depth knowledge of the key concerns animating the field, they must take at least one course each from two breadth requirements. Courses meeting the breadth requirement can be found on the Gender, Sexuality, and Feminist Studies webpage.

- Critical Race Feminisms
- National/Transnational Feminisms

Senior Work: All majors must enroll in GSFS 0700, a one-semester capstone, where they will complete a portfolio and an essay critically engaging with their accumulated knowledge about gender, sexuality and feminism. With permission, some majors may extend this to a two-semester thesis (GSFS 0710), conducting original research. In GSFS 0710, students produce a formal written document, but also have the flexibility to produce a multi-media project such as a movie, or a creative activity such as a performance or an installation project.

Senior work provides one of the primary means through which students demonstrate their critical thinking skills and their ability to communicate complex ideas effectively and persuasively. This is the primary means through which the programs learning goals will be assessed; advisors will provide their assessment in writing to the students. A public presentation is part of the senior work requirements.

***Joint Major**:*The joint major is comprised of 7 courses each in the two disciplines/programs. For GSFS, the requirement includes:

- GSFS 0191 or GSFS 0289
- GSFS 0200
- GSFS 0320
- Breadth Requirements, 2 courses, one each in:

a. Critical Race Feminisms

b. National/Transnational Feminisms

- One elective bearing the GSFS prefix
- Senior Work that combines both majors and is agreed upon by the advisers and department or program chairs (or designees) involved.
  Minor Requirements: The minor comprises five courses including:
- Two of the following courses: GSFS 0191, 0200, 0289
- GSFS 0320
- Two additional GSFS courses at least one of which fulfills the Critical Race Feminisms breadth requirement

Requirements prior to Fall 2017:

The major requires a minimum of ten courses and comprises several discrete aspects, as outlined below. Some of the courses can be double-counted if they fulfill different requirements within the major.

***Major requirements (10 courses)*:**

- SOAN/GSFS 0191
- One introductory course from the humanities, such as GSFS 0102, or GSFS 0234, or approved by the director
- GSFS 0200
- GSFS 0320
- Two courses to fulfill the Breadth Requirements (explained below)
- Three electives bearing the GSFS prefix, one of which must be at the 0300-level or higher and one that must be at the 0400-level or higher
- Senior Work (one-semester senior essay or multi-semester thesis)

Joint Major*:* The joint major is comprised of 7 courses each in the two disciplines. For GSFS, the requirement includes:

- SOAN/GSFS 0191 or GSFS 0189/0289
- GSFS 0200
- GSFS 0320
- Breadth requirement 1
- Breadth requirement 2
- One elective
- Senior Work

Breadth Requirements **(two courses):** To ensure that students are conversant with and have some in-depth knowledge of the key concerns animating the field, they must take at least one course each from two of three breadth requirements. Courses meeting the breadth requirement can be found on the Gender, Sexuality, and Feminist Studies webpage.

- Intersectionality/Critical Race

- Critical Sexuality Studies
- Gender in National/Transnational Contexts

***Senior Work*:** Majors are required to complete an independent project that applies feminist theory and methodology. The project may be either a one-semester senior essay or other creative work (GSFS 0700), or a multi-semester senior thesis (GSFS 0710).

Minor Requirements: The minor comprises five courses including:

- one introductory course from among SOAN/GSFS 0191, ENAM/GSFS 0102, or PHIL/GSFS 0234
- GSFS 0200
- GSFS 0320
- two electives bearing the GSFS prefix

GSFS 0105 Victoria's Secrets (Fall 2017)

Known as the great age of the realist novel and the epitome of staid decorum, the nineteenth century also had its guilty pleasures--mysteries, ghost stories, science fiction, adventure tales, and more--all exposing a wild underside to the Victorian imagination where seeming norms of gendered, racial, and ethnic identity were systematically called into question. In this course we will read both canonical realist novels and their non-traditional counterparts in an attempt to understand the productive interplay between these two seemingly disparate literary traditions. Authors may include: Austen, Dickens, Eliot, Hardy, the Brontës, Wilkie Collins, R.L. Stevenson, Arthur Conan Doyle, H.G. Wells, Bram Stoker, Mary Elizabeth Braddon, and others. 3 hrs.lect. **EUR**, **LIT** *(A. Losano)*

Cross-listed as: ENAM 0105 *

GSFS 0172 Writing Gender and Sexuality (Spring 2018)

In this course we will read, discuss, and write creative works that explore issues of gender and sexuality. Readings will include stories, poems, and essays by James Baldwin, Ana Castillo, Peggy Munson, Eli Claire, Junot Diaz, Audre Lorde, Michelle Tea, Alison Bechdel, and others. The course will include writing workshops with peers and individual meetings with the instructor. Every student will revise a range of pieces across genres and produce a final portfolio. We will do some contemplative work and will engage with choreographer Maree Remalia to explore movement in conversation with writing, gender, and sex. 3 hrs. lect. **ART** *(C. Wright)*

Cross-listed as: WRPR 0172

GSFS 0180 Critical Studies of Sport (Spring 2018)

Sports offer important contexts for the study of social relations, inequalities, and differences in North America. Sports exist as an important arena where ideas around class, gender, sexuality, race, ability, and status are embodied and performed. In this course we will discuss the significance of sports to ideas of the self as well as in broader cultural, social, economic, and political realms. We will analyze a variety of issues including the relationship of sports to media, celebrity, money, religion, and education. We will also investigate the significance of sports and athletes to contemporary processes of globalization. (Not open to students who have taken AMST 1003). **AMR**, **NOR**, **SOC** *(R. Joo)*

Cross-listed as: AMST 0180 *

GSFS 0191 Gender and the Body (Fall 2017)

What is your gender and how do you know? In order to answer this question, we need to consider how gender is known through biology, psychology, consumer capitalism, and our everyday embodiment. We will also look at how the meaning and performance of gender have changed over time from Classical Greece to Victorian England to the contemporary U.S. Throughout, we will consider how gender does not operate along, but is always entangled with, race, class, sexuality, nationality, and ability. 3 hrs. lect. **CMP**, **SOC** *(L. Essig)*

Cross-listed as: SOAN 0191

GSFS 0200 Feminist Foundations (Fall 2017)

This course provides an introduction to the interdisciplinary field of gender, sexuality, and feminist studies. Focusing on the histories of feminism in the U.S., from the nineteenth century to the present, the course reveals the importance of gender and sexuality as analytical categories to understand social reality and to comprehend important areas of culture. Examining gender and sexuality always in conjunction with the categories of race and class, the course foregrounds how inequalities are perpetuated in different fields of human activity and the creative ways in which feminist movements have resisted these processes. 3 hrs. lect. **CMP**, **SOC** *(S. Moorti)*

GSFS 0205 Race, Rhetoric, and Protest (Fall 2017, Spring 2018)

In this course we will study the theoretical and rhetorical underpinnings of racial protest in America. We will begin by studying movements from the 1950s and 1960s, moving from bus boycotts to Black Power protests, and will build to analyzing recent protests in Ferguson, Dallas, and New York. Readings will include texts from Charles E. Morris III, Aja Martinez, Shon Meckfessel, Gwendolyn Pough, and various articles and op-eds. Students will write analyses of historical and contemporary protest, op-eds about the local culture, and syntheses on the course readings. 3 hrs. Lect **AMR**, **CW**, **NOR**, **SOC** *(Spring 2018: J. Sanchez)*

Cross-listed as: WRPR 0205 *

GSFS 0207 Economics and Gender (Fall 2017)

Economics and Gender is an introduction to using the tools of economics to understand gender-related issues. In the first part of the course we will review economic models of the household, fertility, and labor supply and discuss how they help us interpret long-term trends in marriage and divorce, fertility, and women's labor-force participation. In the second part of the course we will study economic models of wage determination and focus on explanations of, and policy remedies for, earnings differentials by gender. The final part of the course will focus on new research in economics on gender-related topics. (ECON 0155) 3hrs. lect. **CW** (15 seats), **SOC** *(T. Byker)*

Cross-listed as: ECON 0207 *

GSFS 0208 Unruly Bodies: Black Womanhood in Popular Culture (Fall 2017)

In this course we will examine representations of black womanhood in popular culture, analyzing the processes by which bodies and identities are constructed as dangerous, deviant, and unruly. For example, materials will include the work of bell hooks and Patricia Hill Collins to analyze the imagery of black womanhood propagated by the television shows *The Jerry Springer Show* and *Bad Girls Club*. By contrast, we will also read Saidiya Hartman's *Scenes of Subjection* as a lens through which to view "bad" black womanhood as a radically stylized means of redress in the Blaxploitation-era film *Foxy Brown*. 3 hrs. lect. **AMR**, **CMP**, **NOR** *(J. Finley)*

Cross-listed as: AMST 0208 *

GSFS 0209 Gender Health Environment (Spring 2018)

Growing concern for the protection of the environment and human health has led policy makers and scholars to consider ways in which gender, class, and race and other forms of identity mediate human-environment interactions. In this course we will explore how access to, control over, and distribution of resources influence environmental and health outcomes both in terms of social inequities and ecological decline. Specific issues we will cover include: ecofeminism, food security, population, gendered conservation, environmental toxins, climate change, food justice, and the green revolution. We will draw comparisons between different societies around the globe as well as look at dynamics between individuals within a society. The majority of case studies are drawn from Sub Saharan Africa and Asia, however some comparisons are also made with the United States. 3 hrs. lect. **AAL**, **CMP**, **SAF**, **SOC** *(M. Baker-Medard)*

Cross-listed as: ENVS 0209 *

GSFS 0211 Trickery, Bodies, and Resistance: The Tradition(s) of Rhetoric (Spring 2018)

How do female-identifying subjects position themselves (and their bodies) rhetorically in a male-dominated society? How do Black and Latinx rhetorical traditions of call-and-response and code-switching connect with and resist classical traditions of oration and stylistics? In this course we will study the tradition(s) of rhetoric by moving from the trickery of sophists to budding works in feminist rhetorics and cultural rhetorics. Students in this class will learn to synthesize the various traditions of rhetoric in historical and contemporary terms and to critically understand cultural customs that exist outside the white, heteronormative Greco-Roman tradition. 3 hrs. lect. **AMR**, **CMP**, **CW**, **SOC** *(J. Sanchez)*

Cross-listed as: WRPR 0211 *

GSFS 0220 Arab Women's Literature in Translation (Fall 2017)

In this course, we will explore writings by Arab women and will closely examine the major theoretical and political issues in the translation of texts from Arabic to English. We will look in particular at the intersection of gender, politics, and the legacy of Orientalism, exploring translation and reception, gender and genre, and categories of knowledge production about Arab women. In addition to an introduction to the major theories of translation studies, we will also explore feminist and postcolonial theories and methodologies for studying and understanding contemporary Arab women's literature. 3 hrs. lect. **AAL**, **LIT**, **MDE** *(D. Ayoub)*

Cross-listed as: ARBC 0220 *

GSFS 0223 Introduction to Gay and Lesbian Studies (Spring 2018)

This course will provide an introduction to the interdisciplinary field of gay and lesbian studies. We will explore three topics: queer theory, the construction and representation of homosexuality in history, and queer culture before and after Stonewall. Readings will include works by Michel Foucault, Judith Butler, Eve Sedgwick, George Chauncey, John Boswell, Lillian Faderman, Oscar Wilde, Radclyffe Hall, Michael Cunningham, and Tony Kushner. 3 hrs. lect./3 screen **SOC** *(K. Moss)*

GSFS 0225 Feminist Blogging (Fall 2017)

Blogging is a genre that lends itself to both feminist theory and practice because it involves writing from a particular place and a particular embodiment, about how power operates in our social worlds. Feminist theory demands intersectionality: an ability to weave race, class, gender, sexuality and other forms of power into a single theoretical approach. Feminist blogging transforms intersectionality into a single narrative arc. In this course we will think about blogging as a genre and how feminist theory can infuse that genre into a more vibrant, complex, and even transformative site. Throughout the course we will read feminist theory, analyze feminist blogs, and produce our own feminist blogs. 3 hrs. lect. **AMR**, **CMP**, **CW**, **LIT**, **NOR**, **SOC** *(L. Essig)*

Cross-listed as: WRPR 0225

GSFS 0234 Philosophy and Feminism (Fall 2017)

This course will examine the contributions of various feminists and feminist philosophers to some of the central problems of philosophical methodology, epistemology, philosophy of science, metaphysics, and ethics. Are there gendered assumptions in operation in the way particular philosophical problems are framed? For example, do the politics of gender contribute to accounts of objective knowledge and rationality? Are some philosophical perspectives better suited to the goals of feminism than others? We will also examine the general relationship between feminism and philosophy, and we will reflect on the relevance of theorizing and philosophizing for feminist political practice. **CMP**, **CW**, **PHL** *(H. Grasswick)*

Cross-listed as: PHIL 0234 *

GSFS 0261 Globalizing Gender (Fall 2017)

In this course we will explore gender and the process of gendering as a complex and evolving global phenomenon of the 21st century. The readings will focus on the politics and experience of gender and sexualities in various parts of the world, including India, Pakistan, Muslim minorities in South Asia, and among diasporic communities in Europe and the United States. Through lectures and small group discussions, we will critique and analyze themes including third gender, masculinity, changing practices of marriage, the politics of sexuality, and the impact of the women's movement, and gay rights movement on existing understanding of gendered traditions. 3 hrs. lect./disc. **CMP**, **SOC** *(B. Taylor)*

GSFS 0267 Gender and Sexuality in Media (Spring 2018)

In this course, we will explore the intersecting roles played by gender and sexuality in our media, focusing specifically on film, television, and digital culture. We will examine the multiple ways in which popular media texts construct and communicate gender and sexuality, and we will analyze the role of gender and sexuality in the processes of spectatorship and meaning-making. We will study a wide range of theories of gender and sexuality in media including feminist film theory, queer media theory, and literature on gender and sexuality in video game history and culture. 3 hrs. lect./3 hrs. screen. **SOC** *(L. Stein)*

Cross-listed as: FMMC 0267 *

GSFS 0284 Modern Dance History in the United States: Early Influences to Postmodern Transformations (Fall 2017)

In this seminar we will focus on the emergence and development of 20th century American concert dance--especially modern and postmodern dance forms--from the confluence of European folk and court dance, African and Caribbean influences, and other American cultural dynamics. We will look at ways in which dance reflects, responds to, and creates its cultural milieu, with special attention to issues of gender, race/ethnicity, and class. Readings, video, and live performance illuminate the artistic products and processes of choreographers whose works mark particular periods or turning points in this unfolding story. Our study is intended to support informed critical articulations and an understanding of the complexity of dance as art. 3 hrs. lect./2 hrs. screen. **AMR**, **ART**, **CW**, **HIS**, **NOR**

Cross-listed as: DANC 0284 *

GSFS 0289 Introduction to Queer Critique (Spring 2018)

In this course we will examine what is meant by queer critique through exploring the concepts, issues, and debates central to queer theory and activism both in the U.S. and around the world. We will work to understand how queerness overlaps with and is distinct from other articulations of marginalized sexual subjectivity. We will consider how desires, identities, bodies, and experiences are constructed and represented, assessing the ways in which queer theory allows us to examine sexuality and its raced, classed, gendered, geographic, and (dis)abled dimensions. Through engaged projects, we will practice how to translate and produce queer critique. 3 hrs. lect./disc. **AMR**, **CMP**, **NOR**, **SOC** *(C. Thomsen)*

GSFS 0290 Women and the Sacred in Late Antiquity and Byzantium (Spring 2018)

This course will explore the female religious experience in Greco-Roman antiquity and Early Christianity. We shall trace the transition from the mystery religions of Demeter and Isis in the Eastern Mediterranean to the cult of Mary the Mother of God (Theotokos) and the worship of female saints. Drawing on a wide range of sources (hymns, saints' Lives, Apocryphal Gospels, Patristic texts, and icons), we shall study the varieties of female devotion and examine the roles available to women in the early Church: deaconesses and desert mothers, monastics and martyrs, poets and rulers. Different theoretical approaches will enable us to ask a series of questions: were women in the early Church considered capable of holiness? To what extent did the female 'gifts of the spirit' challenge church authority? What is distinct about the feminine experience of the divine? Finally, we shall consider the vision and poetics of female spirituality in select modern poets. 3 hrs. lect. **EUR**, **HIS**, **PHL** *(M. Hatjigeorgiou)*

Cross-listed as: RELI 0290 *

GSFS 0302 Unquiet Minds:Gender & Madness (Fall 2017)

Unquiet Minds: Gender and Madness in Literature and Medicine (I)
In this course we will explore the fascinating intersection of gender, literature, and medicine from the Greeks to the present day, focusing in particular on the early modern period. We will consider why and how such diseases as melancholy and hysteria became flashpoints for anxieties about gender and sexuality in this period, turning to both literary and medical narratives to illuminate the troubled interface between mind and body in the social construction of melancholic illness. Alongside literary texts that dramatize mental illness (such as Chrétien's Yvain and Shakespeare's Hamlet) we will read sections from Robert Burton's *Anatomy of Melancholy* as well as the recently published account by a 17th century woman of her own private struggles with madness. We will conclude with a consideration of contemporary texts that explore the experience of madness, including Kay Redfield Jamison's memoir *An Unquiet Mind* and Sarah Ruhl's *Melancholy Play*. In this final section we will also explore the work being done in the exciting emerging field of "narrative medicine," which brings together literature and medicine in quite explicit and strategic ways. **CMP**, **EUR**, **LIT** *(M. Wells)*

Cross-listed as: ENAM 0302 *

GSFS 0303 Outlaw Women (Spring 2018)

In this course we will read and discuss literary novels that feature women who defy social norms: daring survivors, scholars, “whores,” queers, artists, “madwomen,” servants, revolutionaries. We will take a critical and transnational approach to issues of race, class, gender, sexuality, ability, and religion. Texts will include Toni Morrison’s *Sula*, Audre Lorde’s *Zami*, Marguerite Duras’ *The Lover,* Jamaica Kincaid’s *Lucy*, Patricia Powell’s *The Pagoda*, and Azar Nafisi's *Reading Lolita in Tehran*. Students will write formal literary analysis,and narrative criticism. Together we will engage in some contemplative practice and study selected films. (Any one GSFS Course) **CMP**, **CW**, **LIT**, **SOC** *(C. Wright)*

Cross-listed as: WRPR 0303

GSFS 0304 Gender, Culture, and Power (Fall 2017)

This course offers a cross-cultural introduction to the issues involved in the study of women and gender. Such an endeavor raises a number of difficult and delicate issues. What explains the diversities and similarities in women's roles across societies? How do we assess women's status and power, and how do we decide which standards to use in doing so? What forces create changes in women's roles? What is the relationship between gender constructions and the nature of communities, economies, and even nations? Our analysis will concentrate on three primary domains: family and kinship, symbolic systems, and political economy. Course readings will focus primarily on non-Western societies. 3 hrs. lect./disc. **AAL**, **CMP**, **SOC** *(E. Oxfeld)*

Cross-listed as: SOAN 0304 *

GSFS 0305 Holocaust/Exile in Translation (Spring 2018)

The Holocaust and Exile in Translation
For decades, readers across the globe have learned about the atrocities of the Holocaust through translation. Translators have brought us testimonials, and accounts about imprisonment, life in concentration camps, exile, resistance, and survival during World War II in a wide variety of languages. In this course we will study how translators and publishers have shaped this vibrant literature according to the priorities of different cultural and linguistic communities. Combining theory and praxis, we will analyze the multilingual journeys of influential works such as The Diary of Anne Frank and Elie Wiesel's Night through a translation studies lens. Students will also translate texts from various genres including autobiography, children's and young adult literature, subtitle audiovisual testimonial footage and film and get a first exposure to simultaneous interpretation. (Advanced skills in one language in addition to English required). 3 hrs. lect. **CMP**, **EUR** *(K. Hanta)*

Cross-listed as: LNGT 0305 *

GSFS 0307 Human Sexuality (Fall 2017)

In this course we will discuss the biological, psychological, behavioral, and cultural aspects of human sexuality, starting with a review of anatomy, physiology and function. We will use current research findings to inform discussions of topics such as arousal and desire, relationships, sexual orientation, consent, pornography, and compulsive sexual behavior. We will look at how issues like contraception, sexuality, and sexually transmitted diseases have influenced and been influenced by their cultural context. (Two psychology courses; not open to first year students; open to Psychology and GSFS majors) 3 hrs. lect. *(M. Seehuus)*

Cross-listed as: PSYC 0307 *

GSFS 0314 Sociology of Heterosexuality (Spring 2018)

Most people believe that heterosexuality is natural or rooted in biology and so never look very closely at it as a product of culture. In this course we will examine the artifacts, institutions, rituals, and ideologies that construct heterosexuality and the heterosexual person in American culture. We will also pay close attention to how heterosexuality works alongside other forms of social power, especially gender, race, and class. 3 hrs. lect. **NOR**, **SOC** *(L. Essig)*

Cross-listed as: SOAN 0314

GSFS 0320 Feminist Theory (Spring 2018)

The course offers an overview of key feminist texts and theories that have shaped the analysis of gender and sexuality. We will examine foundational theoretical texts that have animated the field of gender, sexuality, and feminist studies. Working within a transnational perspective, the course encompasses texts which fall under the categories of critical race and critical sexuality studies. (GSFS 0200 or GSFS 0191 or GSFS 0289) 3 hr. lect. **CMP**, **SOC** *(S. Moorti)*

GSFS 0325 American Misogyny (Spring 2018)

In this course we will explore the place of misogyny in U.S. media and politics. Early topics will include film noir, Cold War gender scapegoating, and lesbian pulp fiction. Subsequent topics will include the backlash against second-wave feminism, the rise of “post-feminism,” and the impact of reality TV and social media on feminist and antifeminist expression. We will conclude by examining how misogyny informs U.S. culture and politics in the Trump era. Throughout the course, we will consider how discourses of misogyny are inflected by white, cisgender, ableist, ageist, and class privilege. 3 hrs. lect. **AMR**, **HIS**, **NOR** *(H. Allen)*

Cross-listed as: AMST 0325 *

GSFS 0328 Gender Politics of the Arab World (Spring 2018)

The aim of this course is to explore the ways in which the social and cultural construction of sexual difference shapes the politics of gender and sexuality in the Middle East and North Africa. Using interdisciplinary feminist theories, we will explore key issues and debates including the interaction of religion and sexuality, women’s movements, gender-based violence, queerness and gay/straight identities. Looking at the ways in which the Arab Spring galvanized what some have called a “gender revolution,” we will examine women’s roles in the various revolutions across the Arab World, and explore the varied and shifting gender dynamics in the region. (Any one GSFS course or by approval) 3 hrs. Sem. **AAL**, **CMP**, **CW**, **MDE**, **SOC** *(D. Ayoub)*

Cross-listed as: ARBC 0328 *

GSFS 0329 The Politics of Reproduction: Sex, Abortion, and Motherhood (Fall 2017, Spring 2018)

In this course we will examine contemporary reproductive issues both in the United States and around the world. We will work to understand both how reproductive politics are informed by broader cultural ideas regarding gender, race, class, ability, sexuality, and geography and also how ideas about reproduction reinforce conceptions of these very identity markers and ways of experiencing the world. Because requirements for being considered a “good” woman are intimately tied to what it means to be a “good” mother, challenging dominant understandings of gender and sexuality requires critical engagement with ideas about reproduction. 3 hrs. lect. **AMR**, **CMP**, **NOR**, **SOC** *(C. Thomsen)*

GSFS 0331 Clouds and Rain: Love and Sexuality in Traditional Chinese Literature (in translation) (Spring 2018)

This seminar explores a spectrum of traditional attitudes toward romantic love, sexualities, men and women seen through the prism of classical Chinese literature. Fiction and drama will be the main focus with due attention to poetry. Texts to be analyzed include, e.g., pre-6th-century B.C. and subsequent poems; 3rd and 4th-century and later stories of strange romances; the remarkable 7th-century tale of the Dwelling of Playful Goddesses and early 9th-century love story of “Yingying”; the marvelous late 16th-century romantic drama, the Peony Pavilion; the hilarious late 17th-century erotic novella, the Carnal Prayer Mat; and selected chapters from novelistic masterworks such as the late 16th-century and early 17th-century, Jin Ping Mei, and the 18th-century, The Story of the Stone (also known as Dream of the Red Chamber). 3 hrs. lect./disc. **AAL**, **CW** (5 seats), **LIT**, **NOA** *(W. Xu)*

Cross-listed as: CHNS 0331 *

GSFS 0376 Politics of Identity (Fall 2017)

In this course we will introduce students to social diversity in the U.S. as it is reflected in four master identities: class, gender, race, and sexuality. We will examine what these identities mean for group membership, how group membership is attained or ascribed and maintained. Using both historical and contemporary materials, we will explore how identities have developed over time and how they have been challenged. In addition, we will examine how multiple identities intersect and the implications of these intersections have on individual identities. 3 hrs. lect./disc. **AMR**, **NOR**, **SOC** *(C. Han)*

Cross-listed as: SOAN 0376 *

GSFS 0383 Storied Women (Fall 2017)

In this course we will read and analyze stories about women in the Jewish Bible, its Greek translations, and the New Testament, using various historical, literary, and gendered approaches to the study of ancient texts. Though student interests will help determine the final list of the characters we will consider, contenders include Eve, Hagar, Rebekah, Tamar, Deborah, Ruth, Judith, Mary, the women of Paul’s letters, and Revelation’s great whore of Babylon. In addition to recent academic treatments of the stories, we will also consider some of the ways they have been retold through time and in contemporary literature and film. 3 hrs. sem. **LIT**, **PHL** *(O. Yarbrough)*

Cross-listed as: RELI 0383 *

GSFS 0384 Women, Religion, and Ethnography (Fall 2017)

In this course we will focus on ethnographic scholarship regarding women in various religious traditions. We will begin with questions of feminist ethnography as proposed by Lila Abu-Lughod and then read a range of ethnographies focusing on women in different contexts, including a female Muslim healer in South India, Kalasha women in Pakistan, Bedouin Muslim women in Egypt, and Catholic nuns in Mexico. We will focus on how gendered and religious identities are constructed and intertwined, and what ethnography contributes to the study of both religion and gender. A prior course in Religion, Anthropology, or Gender, Sexuality, and Feminist Studies is recommended. 3 hrs. sem. **AAL**, **CMP**, **PHL** *(J. Ortegren)*

Cross-listed as: RELI 0384 *

GSFS 0425 Men and Masculinities (Spring 2018)

In this course we will consider the creation and performance of masculinities in the American context. We will ask how men are made and how that making relies on class, race, sexuality, and nation. We will begin with early capitalism and the birth of the ideal man as “market man.” We will then look at how ideal masculinity depends on the creation of “degenerate” men, like the myth of the hyper-masculinized Black male “beast” and the creation of the mythic mannish lesbian. We will then trace these late 19th century men and masculinities into our current moment of political machismo, trolling misogyny, bromance, feminist men, hipster men, dandy bois, transmen, and more. Readings will include: Michael Kimmel, *Guyland*; C.J. Pascoe and Tristan Bridges, *Exploring Masculinities: Identity, Inequality, Continuity and Change*; C.J. Pascoe, Dude, *You’re a Fag: Masculinity and Sexuality in High School*; Judith Halberstam, *Female Masculinity*, and bell hooks, *We Real Cool: Black Men and Masculinity*. (GSFS 0191 or GSFS 0200 or GSFS 0289) 3 hrs. sem. **AMR**, **CW**, **HIS**, **NOR**, **SOC** *(L. Essig)*

GSFS 0434 Feminist Epistemologies (Spring 2018)

In recent years, feminist epistemologies, such as feminist standpoint theories and feminist empiricisms, have been extremely influential in developing social theories of knowledge. They have also served as a crucial intellectual tool for feminist theorists trying to understand the connections between social relations of gender and the production of knowledge and ignorance. In this course we will investigate some of the major themes and challenges of feminist epistemologies and feminist philosophies of science: How is knowledge socially situated? What does it mean to look at knowledge through a gendered lens? How is objective knowledge possible according to feminist epistemologies? We will work to understand the influence of feminist epistemologies in contemporary philosophy. We will also consider how feminist epistemologies have guided research on gendered and raced relations. (Approval required; Open to philosophy and GSFS senior and junior majors. GSFS majors must have previously taken GSFS 0320, or permission.) 3 hrs. sem. **CMP**, **PHL** *(H. Grasswick)*

Cross-listed as: PHIL 0434 *

GSFS 0435 Feminist Engaged Research (Fall 2017)

What is feminist engaged research? What are its methods? How does approaching research in a feminist manner influence the kinds of questions we can ask, as well as our potential answers? How has feminist research been useful to activists and how might it continue to be? How have feminists practicing engaged research centered race, place, class, and ability in their analyses of gender and sexuality? This feminist theory/methods hybrid course takes as a starting point these questions. We will think through what feminist engaged research means, develop strategies for conducting such research, and consider the relation of knowledge production to power, justice, and action. Students will grapple with how to apply course material to their own engaged research projects, with the two-fold goal of pushing the boundaries of academic thought and also producing scholarship that is useful beyond academia(GSFS 0320 or instructor approval). 3 hrs. Sem. **AMR**, **CW**, **NOR**, **SOC** *(C. Thomsen)*

GSFS 0438 Readings in Middle Eastern History: Women and Islam (Fall 2017)

In this course we will examine women's lives in Islamic societies from the seventh century to the contemporary period, focusing on the Middle East and North Africa. Readings will explore a variety of topics including the changing role of women from pre-Islamic to Islamic societies; women in the Qur'an and in Islamic law; gender roles in relation to colonialism, nationalism, and Islamism; the experience of women in Sunni and Shi'a contexts; and Western images of Muslim women. (formerly HIST 0416) 3 hrs. sem. **AAL**, **CW** (6 seats), **HIS**, **MDE**, **PHL** *(F. Armanios)*

Cross-listed as: HIST 0438 *

GSFS 0500 Independent Study (Fall 2017, Spring 2018)

(Approval required)

GSFS 0700 Senior Essay (Fall 2017, Spring 2018)

(Approval required)

GSFS 0710 Senior Thesis (Fall 2017, Spring 2018)

(Approval required)

↑ Top

Department of Geography

Required for the Major: The geography major consists of 10 courses. All students who elect to major in geography must complete: GEOG 0100; GEOG 0120; five elective courses at the 0200-level; one course at the 0300-level; one 0400-level seminar; and GEOL 0112 or GEOL 0170. Only one of the 0200-level courses may be numbered 0250 or above. An additional 0300-level course can be used as a substitute for a 0200-level elective. The electives and the seminar must be selected in consultation with, and approved by, the major advisor.
Required for a Joint Major: The Geography Department offers joint majors with Environmental Studies, Computer Science, and the History of Art and Architecture. Students wishing to pursue a joint major with any other department must submit a formal proposal to their intended Geography advisor for departmental approval. The proposal must describe the proposed program of study, including educational rationale and specific courses to be taken. All joint majors must complete joint senior work in Geography or an equivalent, approved by the advisor.
The **Geography/Environmental Studies** joint major requires GEOG 0100; GEOG 0120; three courses at the 0200-level (none of which may be numbered 0250 or above); one course at the 0300-level; and one 0400-level seminar. The electives, the seminar, and the joint senior work must be selected in consultation with, and approved by, the students Geography advisor.
The **Geography/Computer Science** and **the Geography/History of Art & Architecture** joint majors require GEOG 0100; GEOG 0120; three courses at the 0200-level (none of which may be numbered 0250 or above); one course at the 0300-level; one 0400-level seminar; and senior work at the 700 or 701-702 level in Geography that demonstrates connections between the two disciplines. The electives, the seminar, and senior work must be selected in consultation with, and approved by, the students Geography advisor.
Required for a Minor: GEOG 0100, GEOG 0120, and three additional courses.
Advanced Placement: One course credit will be awarded for an advanced placement (AP) score of 5 in human geography. Geography majors who receive a 5 on the AP exam may count this course credit as one 0200-level equivalent toward their major requirements, but are still required to complete GEOG 0100. The AP credit may not be used to satisfy joint major or minor requirements.
Geography Specialization in International Studies: GEOG 0100; GEOG 0120; three courses from GEOG 0207, GEOG 0210, GEOG 0214, GEOG 0215, GEOG 0220, GEOG 0223, GEOG 0225; and one GEOG 0400-level seminar. Students writing a thesis must also take GEOG 0325 (formerly GEOG 0310) or GEOG 0339.
Departmental Honors: Students who seek to earn honors are required to write a two-credit honors thesis. They must have at least a 3.3 GPA in the major when they propose the thesis and must have a 3.5 GPA in the major, not including the thesis grade, to be considered for honors upon graduation. In order to complete a senior thesis, students must have a proposal approved by a primary thesis advisor and a secondary departmental reader prior to registering for the first 0701 credit. Upon completion of the thesis, thesis students will present their work in a public lecture and defend the thesis in front of the departmental faculty. Thesis presentations and defenses will typically take place during the final week of classes or the examination period. Upon completion of the presentation and defense, the primary advisor and secondary departmental reader will be responsible for evaluating and grading the thesis. It is strongly encouraged that students considering a thesis discuss their ideas with an advisor during the semester prior to registering for formal thesis credits. Honors will be conferred or denied on

the basis of an evaluation of the thesis by the faculty and the students GPA in the major, as explained above.

GEOG 0100 Place and Society: Local to Global (Fall 2017, Spring 2018)

This course is an introduction to how geographers view the world and contribute to our understanding of it. Where do the phenomena of human experience occur? Why are they there? What is the significance? These questions are fundamental for explaining the world at different scales from the global to the local. Throughout, we will focus on the spatial basis of society, its continual reorganization through time, and how various human and environmental problems can be usefully analyzed from a geographic perspective. (Open only to first-year students and sophomores) 3 hrs. lect./3 hrs. lab **DED**, **SOC** *(Fall 2017: P. Nelson; Spring 2018: G. Herb)*

GEOG 0120 Spatial Thinking with Geographic Information Systems (Fall 2017, Spring 2018)

This course applies spatial thinking (integrating spatial concepts, spatial representations, and spatial reasoning) using geographic information systems (computer systems for processing location-based data). Students will learn to frame and solve a sequence of applied problems with GIS across a wide range of topics, including environmental planning, biogeography and conservation biology, environmental justice, political geography, and urban geography. Fundamental concepts and methods of GIS will include raster and vector data structures and operations, geographic frameworks, error and uncertainty, and principles of cartographic design. (First semester first year students and second semester seniors by waiver) 3 hrs. lect./3 hrs. lab. **DED**, **SOC** *(Fall 2017: J. Howarth; Spring 2018: J. Holler, L. Dreiss)*

Cross-listed as: ENVS 0120

GEOG 0211 The Global Economy (Spring 2018)

Today’s economy is increasingly global, as business functions are dispersed across many diverse spaces and at different spatial scales. In this course we will gain an understanding of the forces that combine to shape contemporary economies across space through an examination of both theoretical approaches to economic geography as well as empirical case studies. Students in the course will learn: neoclassical theories from economic geography that describe the spatial distribution of various economic activities at a local scale; how regional economies develop over time and gain/lose competitive advantage; and the origins of globalization and different strategies corporations use to expand into different areas. This course will combine lectures, hands-on exercises, and discussions/debates so that students have the opportunity to engage the material in a variety of ways. 3 hrs. lect. **AMR**, **NOR**, **SOC** *(P. Nelson)*

GEOG 0212 Urban Geography (Fall 2017)

Urban landscapes are the expression of economic, political, and socio-cultural processes layered on top of each other in particular time-space contexts. In this course, students will theoretically and empirically examine the complex and dynamic urban landscape. Students will gain a theoretical understanding of the location of cities within a larger global economic system of cities, along with the internal organization of economic, cultural, and social functions within cities. We will also examine the processes behind contemporary urban issues such as homelessness, boosterism, urban renewal, gentrification, poverty, and crime. 3 hrs. lect. **AMR**, **NOR**, **SOC** *(P. Nelson)*

GEOG 0213 Population Geography (Spring 2018)

Through a combination of lectures, readings, and exercises, this course provides background and analytical experience in the spatial dimensions of population dynamics. Students will theoretically and empirically examine geographic variations in natural increase, domestic and international migration, infant mortality, disease, and hunger. Topics will include the intersection of settlement-environment-disease, circular migration systems, cultural influences on demographic processes, and linkages between international and domestic migration flows. We will also assess various policy options and their effectiveness in addressing important demographic issues. The exercises will expose students to the vast amount of population data publicly available and introduce them to techniques used to examine and assess population related issues. **AMR**, **DED**, **NOR**, **SOC** *(P. Nelson)*

GEOG 0219 Historical Geography of North America (Spring 2018)

North American society and landscape have been shaped by powerful forces over the last 500 years: conquest, disease, war, migration, the railroad and the farmer's plow, urban growth, and industrial transformation. In the process, new regional cultures formed while older societies were profoundly changed. In this course we will examine the geography of historical change in the United States and Canada, focusing on the themes of territorial control, human settlement, the inscribing of cultural and economic systems on the land, and North Americans' attitudes toward the places they inhabit. 3 hrs. lect. **AMR**, **HIS**, **NOR**, **SOC** *(B. Harrison)*

GEOG 0225 Environmental Change in Latin America (Fall 2017)

This course examines Latin America from a geographical perspective with emphasis on the social, political and ecological underpinnings of change in the region. Building upon the theme of global environmental change in the context of human-environment geography, we will explore urgent challenges linked to the agricultural and extractive industries, urban expansion, land grabs, land reform, indigenous rights, and rural and urban poverty. 3 hrs. lect. **AAL**, **AMR**, **SOC** *(J. L'Roe)*

GEOG 0325 Cartographic Design (Spring 2018)

In this course we will study principles of cartographic design in the digital era. Major topics will include cartography before computing, reference map design, wayfinding, thematic map design, realism, 3D rendering, and interactive maps. Laboratory exercises will provide opportunities for students to use graphics software and geographic information systems to implement concepts from lectures. Through a series of independent projects and group critiques, students will learn to design cartographic products that facilitate spatial thinking and effectively communicate spatial information to specialist and lay audiences. (GEOG 0120) 3 hrs. lect./3 hrs. lab **ART**, **SOC** *(J. Howarth)*

GEOG 0326 GIS Applications in Environmental Science and Management (Fall 2017)

GIS has become an important tool for supporting spatial decisions in environmental science and management. In this course we will explore applications of GIS related to current ecological and social issues such as biodiversity conservation, invasive species, and watershed management. Students will discuss articles highlighting the benefits and limitations of GIS in conducting meaningful scientific research to inform real-world management problems. Students will gain hands-on experience with GIS in the lab and in the field, collecting environmental data, conducting spatial analyses, and using results to test hypotheses and guide the decision-making process. The course will end with a student defined research project. (GEOG 0120) 3 hrs. lect./3 hrs. lab **SCI** *(L. Dreiss)*

GEOG 0328 GIS for the Developing World (Spring 2018)

In this course we will explore the opportunities and challenges of using geographic information systems (GIS) to study population and environmental change in least developed countries. Students will learn techniques to overcome the digital divide in countries with scarce data and low technological capacity, drawing on examples from Africa. In labs and independent projects, we will use open source software and data, learn how to control for data errors and quality, digitize and classify satellite images, analyze change over time, and practice participatory GIS. Throughout the course, we will critically reflect on how GIS affects our understanding and governance of society and the environment. (GEOG 0120) 3 hrs. lect./disc./3 hrs. lab **AAL**, **DED**, **SAF**, **SOC** *(J. Holler)*

GEOG 0339 Practicing Human Geography (Fall 2017)

Asking and answering geographical questions often invokes a variety of specific spatial-analytical techniques and methodologies. In Practicing Human Geography, students will employ a variety of both quantitative and qualitative methodologies in specific research contexts. Through lectures, examples, and readings, students will learn the types of questions each technique is designed to answer, how it works, and how to interpret the results. During weekly discussion sections, students will gain hands on experience with various software packages and employ these techniques to complete a series of research exercises. These research exercises, participation, and a final exam will form the basis for evaluation. (GEOG 0100, and at least one 0200-level course in geography) 3 hrs. lect./3 hrs. lab **DED** *(J. L'Roe)*

GEOG 0414 Seminar in Political Geography: Radical Geographies (Spring 2018)

Geography has always been associated with the exercise of power and came into being as an academic discipline because it supported imperialism, nationalism, and war. However, the field of geography also has a lesser-known emancipatory tradition that emphasizes social justice, empowerment, and resistance to oppression. Early radical voices—anarchists, socialists, and pacifists—were silenced and often forced into exile. It was only in the context of the protest culture of the 1960s that radical geographies started to find an audience. In this seminar we will examine how geography and geographers have engaged in revolutionary activism, education for justice, social mobilization, and theorizations of alternative models of society. (Open to senior majors only; others by waiver) 3 hrs. sem. *(G. Herb)*

GEOG 0436 Terrorism (Fall 2017)

Terrorism, the act of violent resistance against real or perceived oppression, has taken on new dimensions in an age dominated by mass media and technology. Can we make reliable distinctions between terrorism, anarchism, guerrilla warfare and random mass murder? What are the political, social, and cultural conditions that favor terrorism? What makes an individual a terrorist? How have governments coped with terrorist movements? What is "state terrorism"? Looking at terrorist movements across the globe, as well as the historical evolution of terrorism, this course will examine explanations for this disintegrative phenomenon given by social scientists, historians, writers, and filmmakers. This course is equivalent to IGST 0436. 3 hrs. sem. *(T. Mayer)*

Cross-listed as: IGST 0436 *

GEOG 0500 Independent Study (Fall 2017, Spring 2018)

A one-credit intensive research project developed under the direction of a faculty member. Junior majors only. (Approval Required)

GEOG 0700 Senior Research (Fall 2017, Spring 2018)

A one-credit intensive research project developed under the direction of a faculty member. Senior majors only. (Approval Required)

GEOG 0701 Senior Thesis (Fall 2017, Spring 2018)

Students with a departmental GPA of 3.3 or higher are eligible to complete a two-credit senior thesis. In order to complete a senior thesis, students must have a proposal approved by a primary thesis advisor and a secondary departmental reader prior to registering for the first 0701 credit. Upon completion of the thesis, thesis students will present their work in a public seminar and defend the thesis in front of the departmental faculty. Thesis presentations and defenses will typically take place during the final week of classes or the examination period. Upon completion of the presentation and defense, the primary advisor and secondary departmental reader will be responsible for evaluating and grading the thesis. It is strongly encouraged that students considering a thesis discuss their ideas with an advisor during the semester prior to registering for formal thesis credits. (Approval only)

↑ Top

Department of Geology

Required for the Major: The program for a geology major consists of 11 courses within the department and two additional cognate courses. These courses must include:

(1) One 0100-level course (we strongly recommend Environmental Geology (GEOL 0112), Elements of Oceanography (GEOL 0161) or Dynamic Earth (GEOL 0170)).

(2) Four core courses: Bedrock Geology of Vermont (GEOL 0201), Mineralogy (GEOL 0211), and Structural Geology (GEOL 0281) are required, plus either Geomorphic Processes (GEOL 0251) or Surface and Ground Water (GEOL 0255).

(3) Four elective courses (GEOL 0200-level or higher) chosen from the Middlebury geology curriculum, at least two of which must be at the GEOL 0300-level. A maximum of two electives (total) can be GEOL 0500, courses taken off campus (with approval of the Chair), or a combination of the two.

(4) Two cognate courses (any Biology, Chemistry, or Physics laboratory course, or Math 0116 or higher).

(5) Two Credits of Senior Work (GEOL 0400 and GEOL 0700)

The two course senior sequence (GEOL 0400 and 0700) is the culmination of the geology major and consists of original research based on field and/or laboratory investigations by the student. The requirements for the major listed above are considered to be minimal. We suggest students planning a career in geology or the earth sciences take additional courses in other sciences and mathematics, as well as additional geology courses. The requirements for the major allow for considerable flexibility and thus students should consult regularly with their geology department advisors for the selection of specific courses.

Geology Minor: A total of five courses is required. The minor shall consist of one introductory course (either GEOL 0112 or GEOL 0161 or GEOL 0170), plus four higher-level courses, which must include GEOL 0201 or GEOL 0211, and at least one 0300-level course. After completing an introductory geology course, students who intend to minor in geology should arrange specific 0200- and 0300-level courses with the geology chair or designate. Only one GEOL 0500 or off-campus course can count toward the minor.

Departmental Honors in geology are based primarily on outstanding work in original research (GEOL 0700), and are related to course grades only in the context of guidelines in the College Handbook.

GEOL 0111 Natural Hazards (Spring 2018)

Despite increasing technological sophistication, modern civilization remains vulnerable to natural hazards such as earthquakes, volcanic eruptions, tsunamis, flooding, landslides, extraterrestrial impacts, and other events. In this course we will consider the geologic mechanisms behind these hazards, the societal implications of these hazards, and approaches to reducing risk. Case studies will be combined with exploration of fundamental geologic concepts to provide students a foundation for understanding risk exposure and evaluating approaches to hazard management. (Not open to students who have taken GEOL 0112 or 0170) 3 hrs. lect./1 hr. disc. **SCI** *(K. Walowski)*

GEOL 0112 Environmental Geology (Fall 2017, Spring 2018)

Geological processes form the physical framework on which ecosystems operate. We require an understanding of the geological environment in order to minimize disruption of natural systems by human development and to avoid hazards such as floods and landslides. This course is an overview of basic tectonic, volcanic, and landscape-forming processes and systems, including earthquakes, rivers, soils, and groundwater. Environmental effects of energy, mineral, and water resource use, and waste disposal are also examined. Weekly field labs after spring break. Registration priority for first and second-year students. 3 hrs. lect./disc., 3 hrs. lab/field trips **SCI** *(W. Amidon)*

GEOL 0142 The Ocean Floor (Spring 2018)

Have you wanted to view the ocean floor from a submersible? It is a dark but dynamic place. The constant interchange between water and sediments has created sedimentary drifts and mudwaves over 500 feet high! Earthquakes cause underwater mud avalanches that travel over 60 m.p.h. Hydrothermal vents along the ocean ridges host a variety of unusual plant and animal life. This course will explore the ocean depths via the classroom and will introduce the development of ocean basins, their evolution, and processes occurring within them (Students who have completed GEOL 0170 are not permitted to register for GEOL 0142.) 3 hrs. lect./1 hr. disc. **SCI** *(P. Manley)*

GEOL 0161 Elements of Oceanography (Fall 2017)

Oceanographic exploration is introduced through study of ocean basins and continental margins. The multidisciplinary nature of oceanography is emphasized by using principles of marine geology, geophysics, geochemistry, and biology to address contemporary problems. Techniques of data collection and analysis are taught aboard the College's research vessel, R/V Folger, located on Lake Champlain. 3 hrs. lect./3 hrs. lab/field trips **DED**, **SCI** *(T. Manley)*

GEOL 0201 Bedrock Geology of Vermont (Fall 2017)

This course explores the fascinating geology of Vermont. Students learn the geology through six field problems, involving extended trips around western Vermont. Lectures on the meaning of rocks support the fieldwork. The last few indoor labs are devoted to understanding the geologic map of Vermont. Emphasis is on descriptive writing and on use of data to interpret origin of rocks. Culminates in a written report on the geologic and plate tectonic evolution of Vermont. (One geology course) 3 hrs. lect., 3 hrs. lab/field trips **CW**, **SCI** *(K. Walowski)*

GEOL 0211 Mineralogy (Spring 2018)

This course covers the nature, identification, composition, and meaning of minerals and mineral assemblages. Introduction to crystallography, hand-specimen identification, optical mineralogy, x-ray analysis, and electron microbeam analysis. Laboratory: study of minerals in hand-specimen and under the polarizing microscope; use of x-ray diffraction and electron microscopy in mineral analysis. (One geology course) 3 hrs. lect./3 hrs. lab **SCI** *(D. West)*

GEOL 0255 Surface and Ground Water (Spring 2018)

Fresh water is the most fundamental resource sustaining life on the continents. This course is an introduction to the study of water and its interactions with the geologic environment. Basic hydrological processes such as precipitation, stream flow, and the subsurface flow of ground water are analyzed by quantitative methods. Climatic and human-induced changes in the hydrological cycle are examined, and current issues and policies are discussed in light of the increasing demands and impacts of a technological society on water resources and associated natural systems. (ENVS 0112 or any 0100-level Geology course) 3 hrs. lect./3 hrs. lab **DED**, **SCI** *(P. Ryan)*

GEOL 0281 Structural Geology (Fall 2017)

Plate tectonics and mountain building processes result in deformation of the Earth's crust. Structural geology is the study of this deformation, and this course will examine the many types of structures found in crustal rocks (folds, faults, etc.) and explore the forces responsible for their formation. Laboratory exercises will emphasize the hands-on description and analysis of structures in the field, as well as the practical aspects of map interpretation and computer analysis of structural data. (A geology course or by waiver) 3 hrs. lect., 3 hrs. lab/field trips **CW**, **SCI** *(D. West)*

GEOL 0301 Plate Tectonics and World Geology (Fall 2017)

Tectonics refers to the many processes associated with development of regional-scale geologic features. These features include the origin and evolution of mountain belts, the growth of continents and ocean basins, and the causes of earthquakes and volcanic eruptions. The challenge of tectonic analysis lies in the accumulation and synthesis of a wide range of geologic information in an attempt to reconstruct the tectonic history of a particular region. An overnight weekend field trip towards the end of the semester will introduce students firsthand to the tectonic elements of the Appalachians. 3 hrs. lect. **SCI** *(W. Amidon)*

GEOL 0323 Environmental Geochemistry (Spring 2018)

This course will address the origin, transport, fate, and analysis of chemicals in the environment. Topics will include aquatic chemistry, rock weathering, elemental cycles, atmospheric processes, and energy resources. Both naturally occurring and anthropogenic compounds/elements will be considered. The course will introduce students to a variety of analytical and instrumental techniques, including ultraviolet-visible-spectrophotometry, atomic absorption spectrometry, and high-performance liquid chromatography. The labs willbe project oriented. Major ions, nutrients, trace metals, and organic compounds will be studied in a variety of systems, including natural waters, soils, and air (CHEM 0104 or by waiver) 3 hrs. lect. **SCI** *(P. Ryan)*

GEOL 0400 Senior Thesis Research Seminar (Fall 2017)

This seminar will focus on methods and strategies for completing advanced geological research and provides a springboard for senior thesis research. Topics will include field and laboratory techniques, primary literature review, and scientific writing. Students taking this course are expected to be simultaneously working on the early stages of their senior thesis research. During the semester students will present a thesis proposal and the seminar will culminate with each student completing a draft of the first chapter of their senior thesis. GEOL 0400 is required of all geology majors. 3 hrs. disc. or lab *(P. Manley)*

GEOL 0500 Readings and Research (Fall 2017, Spring 2018)

Individual or group independent study, laboratory or field research projects, readings and discussion of timely topics in earth and environmental science. (Approval only)

GEOL 0700 Senior Thesis Research (Fall 2017, Spring 2018)

Upon completion of GEOL 0400, all senior geology majors will continue their independent senior thesis research by taking one unit of GEOL 0700. This research will culminate in a written thesis which must be orally defended. (Approval only)

↑ Top

Department of German

Requirements for the Major: Students are normally required to complete eight courses in German, above GRMN 0299, including at least one advanced level seminar (above GRMN 0399) or a 0700 level honors thesis during the senior year. Where appropriate, one course may be taken in English. At the beginning of each term a placement test is administered for incoming students to determine which course would be most suitable for their level of competence. The department expects that majors will spend at least one semester of study in a German-speaking country before graduating. Normally, they will spend one or two semesters at the Freie Universitt in Berlin and/or the Johannes-Gutenberg Universitt in Mainz. Before enrolling in one of our Schools in Germany, students must complete two courses at the 0300-level. For more information, please consult Study in Germany.
Honors: To be a candidate for honors, students must have an average of at least B+ in German. Honors work (a senior thesis or project) is normally done during a student's last year at Middlebury.
Minor in German: The German minor consists of a sequence of five courses, taught in German, starting at or above the 0200-level. At least three of those courses must be at the 0300-level or higher. First-year students who place above the 0200-level in the placement test must take at least one 0400-level course as part of their minor. One course may be satisfied through advanced placement (AP) credit in combination with a departmental placement test. Students who receive AP credit start their minor on the 0300-level.
Credit for Advanced Placement is given for scores of 4 or 5, a high score on the departmental placement test, and a placement conference with the student. In addition, the student must successfully complete at least one course above the 0200-level in the department, *taught in German*, to qualify for AP credit.
Germany: The Middlebury School in Germany has sites located in Berlin and Mainz.

GRMN 0101 Beginning German (Fall 2017)

Geared toward quick and early proficiency in comprehension and free expression. Grammatical structures are practiced through group activities and situational exercises (e.g., role-playing games and partner interviews). Active class participation by students is required and will be counted toward the final grade. Since this is an integrated approach, there will be laboratory assignments but no special drill sections. Classes meet five times a week. Students take GRMN 0102 as their winter term course. 5 hrs. sem. **LNG** *(M. Hofmann, N. Eppelsheimer)*

GRMN 0103 Beginning German Continued (Spring 2018)

This course is a continuation of GRMN 0101 and 0102. Increased emphasis on communicative competence through short oral presentations and the use of authentic German language materials (videos, songs, slides). Introduction to short prose writings and other documents relating to contemporary German culture. Five class meetings per week. (GRMN 0101 plus winter term GRMN 0102, or equivalent) 5 hrs. lect. **LNG** *(M. Hofmann, N. Eppelsheimer)*

GRMN 0111 Accelerated Beginning German (Spring 2018)

This class is aimed at students who wish to begin the study of German on the fast lane. In one semester, we will cover a year's material, the equivalent of GRMN 0101, 0102, and 0103. We will develop all four skills in an intensive, immersion-style environment, allowing students to continue German in the regular second-year classes in the fall. Classes meet five times per week, including two 75-minute meetings on Tuesdays and Thursdays, and an additional drill session. Students are expected to fully participate in all departmental activities. No prerequisites. 6 hr lect./disc./1 hr. drill **LNG** *(B. Matthias)*

GRMN 0201 Intermediate German (Fall 2017)

GRMN 0201/0202 is a culture-based intermediate language sequence that focuses students' attention on intercultural aspects of language acquisition, vocabulary expansion, reading and writing strategies, and a review of grammar. It moves from a focus on issues of individual identity and personal experiences to a discussion of Germany today (GRMN 0201), explores national identity in Germany, Austria, and Switzerland, and supplies an overview of cultural history, literary achievements, and philosophical traditions in the German-speaking world (GRMN 0103 or equivalent) 4 hrs. sem. **EUR**, **LNG** *(B. Matthias, R. Graf)*

GRMN 0202 Intermediate German Continued (Spring 2018)

GRMN 0201/0202 is a culture-based intermediate language sequence that focuses students' attention on intercultural aspects of language acquisition, vocabulary expansion, reading and writing strategies, and a review of grammar. It moves from a focus on issues of individual identity and personal experiences to a discussion of Germany today (GRMN 0201), explores national identity in Germany, Austria, and Switzerland, and supplies an overview of cultural history, literary achievements, and philosophical traditions in the German-speaking world (GRMN 0201) 4 hrs. sem. **EUR**, **LNG** *(M. Hofmann, R. Graf)*

GRMN 0350 Advanced Writing Workshop (Fall 2017)

The goal of this course is to train students to present their thoughts, ideas, and arguments in correct, coherent, and effective writing. Students will practice writing several text forms that are required in higher education and, during study abroad. Students will also learn about format requirements for writing a longer term paper in German. Some class time will be used for creative, structured, or contemplative writing practice. Students will expand their active vocabulary and aim for a consistently high level of grammatical accuracy. Grammar topics will be covered within the context of writing, through targeted teaching of linguistic structures and peer-editing/peer-teaching sessions. (Formerly GRMN 0304) 3 hrs. sem. **CW** (10 seats), **LNG** *(N. Eppelsheimer)*

GRMN 0365 German Road Movies (Fall 2017)

Road movies represent a fundamentally American genre influenced and defined by the geographic and societal conditions of the United States. In this course we will explore what changes these films undergo when put into a different cultural context. After discussing the history and properties of the genre, we will analyze and discuss examples of German, Austrian, and Swiss road movies from the 1970s to the present. This examination will allow a perspective on how genre conditions change and expand over time and space, as well as an intercultural comparison between the US and German-speaking countries. 3 hrs. Sem **CMP**, **EUR**, **LNG** *(M. Hofmann)*

GRMN 0380 Rethinking Literature (Spring 2018)

This course focuses on the "literary" as a force within cultural discourse. A thorough understanding of literary periods and genres serves as the background for a critical investigation of modern theoretical approaches to literary texts. Discussing major works of German literature, students explore the notion of "literariness" in its various cultural contexts. (Formerly GRMN 0330) 3 hrs. sem. **EUR**, **LIT** *(R. Graf)*

GRMN 0480 The Berlin Wall: Then and Now (Spring 2018)

From 1961 to 1989 the Berlin Wall was a physical reminder of the ideological divide separating East and West Germany. We will examine the wall's inception, its history, and the role it played in the political, cultural, and literary landscapes of divided Germany. We will also investigate the evidence of a persistent "inner wall" that continues to separate East and West Germans after political reunification. Our texts will interrogate the perspectives of both East and West and will include journalistic accounts, speeches, films and documentaries, and fiction from writers such as Christa Wolf and Peter Schneider. (Formerly GRMN 0412) 3 hrs. sem. **EUR**, **LNG**, **SOC** *(B. Matthias)*

GRMN 0485 Weimar Germany and Its Legacies (Fall 2017)

In this course we will examine the brief and intense period of artistic creativity and political upheaval in Germany's first democracy, the Weimar Republic. Beginning with Germany's humiliating defeat in World War I we will discuss the implications of the Versailles Treaty, the Dolchstoß (stab-in-the-back) theory, the stillborn revolution of 1918-1919, and the growing political polarization and apathy leading to Hitler's rise to power. Contrasting the political decline with the increased in cultural productivity, we will trace the artists' outcry for spiritual rebirth, examining the development of Expressionism, Dadaism, and New Objectivity in literature, visual arts, theater, and film. Readings will include texts by Döblin, Th. Mann, V. Baum, Kracauer, Kästner, Brecht, and Hans Fallada. Special project: preparation of an art exhibit in MCA opening in fall 2014. (Formerly GRMN 0403) 3 hrs. sem. **EUR**, **LIT** *(B. Matthias)*

GRMN 0500 Independent Study (Fall 2017, Spring 2018)

(Approval only)

GRMN 0700 Honors Project (Fall 2017, Spring 2018)

(Approval only)

↑ Top

Global Health Minor

The purpose of the Global Health minor is to encourage students to take an interdisciplinary perspective when thinking about global health problems. The minor in Global Health is more flexible than many other majors and minors on campus. Students design a course of study within the minor that fits their own educational goals. Choosing courses therefore requires substantial thought and planning on the part of the student.

The minor in Global Health is available to students who complete the courses listed below. No course for the minor may also count towards a students major. No more than two courses taken from the same department may count towards the minor.

All students must take a total of five courses for the minor:

(1) the core course:

SOAN 0267 Global Health or INTD 0257 Global Health

(2) One of the following methods courses (if the methods requirement is met through coursework for a major, students may substitute an additional elective in place of a methods class):

BIOL 0211 Experimental Design and Statistical Analysis
ECON 0210 Economic Statistics
GEOG 0120 Fundamentals of Geographic Information Systems
MATH 0116 Introduction to Statistical Science
PSCI 1130 Statistics for Social Sciences
PSYC 0201 Psychological Statistics
SOAN 0302 The Research Process: Ethnography and Qualitative Methods
AP credit for Statistics

(3) Three elective courses; no more than one course may be a 0100-level course. Classes that count as electives are listed on the Courses tab.

Many other appropriate courses exist on campus, depending on the educational goals of a particular student. Courses may be substituted for the methods or elective courses with the approval of the program director. Approval requires submission of a petition form found **here**. Approval of a course for minor credit requires the student to show that they made connections between the course material and their study of Global Health, for example by writing a final paper on a public health topic. Students must turn in this paper or other approved course material for review for credit.

To declare the minor, submit the following to the Program Director: (1) a minor declaration form (http://www.middlebury.edu/offices/academic/records/Forms/stuforms) and (2) a 200-500 word statement explaining how the classes you chose fit together and further your educational goals within the field of Global Health. To declare the minor, these materials must be submitted at least one week before the end of the add period of your seventh semester at Middlebury.

In addition, students minoring in Global Health are strongly encouraged to take advantage of

Middleburys resources by studying abroad, preferably in a program with health-related courses, and by becoming proficient in a foreign language.

↑ Top

Hebrew Minor

Middlebury offers courses in both Classical and Modern Hebrew, and students may focus on one or the other in the Minor in Hebrew. (Knowledge of one stage in the history of Hebrew may complement the other; students may therefore combine the study of Classical and Modern Hebrew, within the guidelines below.) Courses taken in the summer at the Brandeis University-Middlebury School of Hebrew will be granted credit toward the minor. Courses taken elsewhere may be granted credit with the permission of the Hebrew faculty.

Students should plan the minor with following limitations in mind:

a. Beginning Modern Hebrew is offered every fall term.

b. Beginning Classical Hebrew is normally offered in alternate years with the next sequence beginning in the 2012-2013 academic year.

Requirements for the Minor

Modern Track*:*
(I) Four semesters of Modern Hebrew starting at the level of HEBM 0102 or higher; plus (II) a fifth course in Modern Hebrew, or a course taken abroad in Hebrew, or a course on Hebrew literature in translation (e.g. HEBR 0220), or a course in Classical Hebrew beyond the introductory level (HEBR 0102 or higher). When appropriate, students may also register for independent study (HEBM 0500) to fulfill requirements for a course in Modern Hebrew.

Classical Track:
(I) Three semesters of Classical Hebrew (HEBR 0101-0102-0201 or higher); (II) either CLAS/RELI 0262 The Formation of Judaism in Antiquity or RELI 0280 Hebrew Bible/Old Testament; plus (III) either a fourth semester of Classical Hebrew (HEBR 0301 or higher) or a course in Modern Hebrew beyond the introductory level (HEBM 0102 or higher).

HEBR 0500 Independent Study (Fall 2017)

Approval required.

HEBM 0101 Introductory Modern Hebrew I (Fall 2017)

In this course students will become acquainted with the basic grammatical and formal concepts necessary for the comprehension of the Modern Hebrew language. We will focus on the fundamentals of reading, writing, listening, and speaking, with a particular emphasis placed on the acquisition of conversational ability. We will also make use of audiovisual, situational, and cultural exercises, and give attention to the elements of Classical form and style that provided a foundation for Modern Hebrew, which was revived as a vernacular in the late 19th century. No previous knowledge of Hebrew is required. 6 hrs. **LNG** *(F. Alasiri)*

HEBM 0103 Introductory Modern Hebrew III (Spring 2018)

This course is a continuation of Modern Hebrew 0102 which will be offered during winter term. Students will further develop their skills in written and oral communication, and will expand their knowledge of the cultures of modern Israel through both audio and visual media. (HEBM 0102 or equivalent) 5 hrs. lect. **LNG** *(F. Alasiri)*

HEBM 0201 Intermediate Modern Hebrew I (Fall 2017)

This course is a continuation of HEBM 0103. Using authentic audio and visual materials, we will place emphasis on developing the skills required for intermediate-level written and communicative competence. In addition, students will gain a deeper understanding of the forms and style of Classical Hebrew, both of which are necessary for formal composition, interaction, and reading comprehension in Modern Hebrew. (HEBM 0103 or equivalent) 5 hrs. lect/disc **LNG** *(O. Aloni)*

HEBM 0202 Intermediate Modern Hebrew II (Spring 2018)

This is the fifth in the sequence of Modern Hebrew courses that focus on the acquisition of reading, listening, writing, and speaking skills. This course will further increase the students' fluency in spoken Hebrew, as well as their facility in reading authentic texts dealing with both secular and religious Jewish cultures, the literature of modern-day Israel, Israeli history, and current events. By the end of the semester, students should attain the level of educated, non-native speakers of Modern Hebrew, in terms of knowledge of grammar, vocabulary, composition, and communicative competence. (HEBM 0201 or equivalent) 5 hrs. lect/disc. **AAL**, **LNG**, **MDE** *(O. Aloni)*

HEBM 0261 The Sleeping Beauty: Themes in the Cultural and Linguistic History of the Hebrew Language (Spring 2018)

The Hebrew Language has been awakened. In this course we will explore when, where, why, and by whom was this Sleeping Beauty revived; how both its awakening and hibernation has been connected to linguistic, cultural, and societal transformation over 25 centuries. We will examine poetry, liturgy, Midrash, and other writing by philosophers, poets, linguists, and religious leaders. We will discuss the connection of the revival of the language to the Zionist movement. Throughout the course we will try to answer questions such as: Why do we regard Hebrew as one and the same language after three millennia of constant linguistic change? Was the revival of Hebrew a miracle or a failure? How did Hebrew influence Jewish practices of exegesis? This course counts towards the Jewish Studies minor (JWTS). 3 hrs. lect./disc. **CW** (5 seats), **SOC** *(O. Aloni)*

Cross-listed as: LNGT 0261

HEBM 0411 Translating Hebrew - Theory and Practice (Fall 2017)

In this course students at the advanced level of Hebrew will learn about the central themes of the theory and practice of translation. Special attention will be given to the particular issues emerging from the translation of Hebrew. Keeping in mind the theoretical background, we will translate Hebrew texts of various genres and periods. We will discuss the linguistic structure of these texts as well as their cultural background. 3 hrs. lect./disc. **AAL**, **LNG**, **MDE** *(O. Aloni)*

HEBM 0500 Independent Project (Fall 2017, Spring 2018)

(Approval Required)

↑ Top

Department of History

***Required for the Major in History*:** For students who entered prior to Fall 2017, each major must take 11 history courses before graduation, including: (1) at least one but no more than three 0100-level courses; (2) at least one course in European history (which may include Russia/Soviet Union); (3) at least one course in United States history; (4) and at least one course in the history of Asia, Africa, Latin America, the Middle East, or Russia/Soviet Union, all to be taken at the 0200-level or higher.(A course in Russia/Soviet Union may not be used for more than one geographical area); (5) a 0400-level reading seminar; (6) HIST 0600; (7) a two-term senior thesis, which counts as two of the required 11 courses.

Two of the courses required for the major must deal primarily with the period before 1800. Courses which qualify for the pre-1800 requirement are identified in the course descriptions and a list is available from the department. In addition to winter term senior thesis study, one other winter term history course may be counted toward the eleven courses necessary for a major in history. Under extenuating circumstances, and with the written permission of the chair, one cognate course in historical aspects of other disciplines may count toward a major in history.
Students planning to spend all or part of the junior year abroad should consult with the department before the second semester of the sophomore year.

Students entering in Fall 2017 or later must take 11 history courses before graduation, including: (1) at least one but no more than three 0100-level courses; (2) three courses, 0200-level or above, in three of the following six areas: Americas; Europe; Middle East and North Africa; Sub-Saharan Africa; South, Southeast Asia, and the Pacific; North Asia including China, Korea, Japan, and the Asian Steppes; (3) a 0400-level reading seminar; (4) HIST 0600; (5) a two-term senior thesis, which counts as two of the required 11 courses.

Two of the courses required for the major must deal primarily with the period before 1800. Courses which qualify for the pre-1800 requirement are identified in the course descriptions and a list is available from the department. In addition to winter term senior thesis study, one other winter term history course may be counted toward the eleven courses necessary for a major in history.
Under extenuating circumstances, and with the written permission of the chair, one cognate course in historical aspects of other disciplines may count toward a major in history.
Students planning to spend all or part of the junior year abroad should consult with the department before the second semester of the sophomore year.

***Advanced Placement*:** Up to two AP history courses, with a grade of 4 or 5, can count toward the major requirement of 11 history courses, but cannot be used to fulfill any specific requirements listed above. Students counting AP European History may not count HIST 0103 or 0104 toward the major, and those counting AP U.S. History may not count HIST 0203 or 0204 toward the major.

***Joint Major*:** For students who entered prior to Fall 2017, a student who is a joint major in history and another department must take a total of at least eight courses in history, chosen in

consultation with a faculty advisor. Cognates are not allowed. A student must take at least one course in two of three sub-fields: Europe, North America, and AAL (Asia, Africa, Latin America, Middle East, Russia/Soviet Union), and one course in the period before 1800. The choice of courses should depend upon the need to achieve an intellectual coherence and integrity in the student's program. Joint majors must take a 0400-level reading seminar, HIST 0600, and must write a two-term thesis combining the skills of both major disciplines.

Students entering in Fall 2017 or later must take a total of at least eight courses in history, chosen in consultation with a faculty advisor. Cognates are not allowed. A student must take at least one course in two of the following six areas: Americas; Europe; Middle East and North Africa; Sub-Saharan Africa; South, Southeast Asia, and the Pacific; North Asia including China, Korea, Japan, and the Asian Steppes. The choice of courses should depend upon the need to achieve an intellectual coherence and integrity in the student's program. Joint majors must take a 0400-level reading seminar, HIST 0600, and must write a two-term thesis combining the skills of both major disciplines.

***Minors in History*:** Students must take a total of five courses, including one 0100-level course, one 0200-level course and one 0400-level course. No more than two courses may be taken abroad or at another undergraduate institution. Cognate courses from other disciplines will not normally be permitted.
AP and IB credit cannot be counted towards a minor in history.

***Honors*:** To earn departmental honors, high honors*, or highest honors** a student must have at least a 3.4, 3.5*, or 3.67** average or above in history department courses other than the senior thesis, have an oral examination on the senior thesis, and receive a grade of at least B+, A-*, or A** on the thesis (HIST 0700).

HIST 0100-Level Courses
The 0100-level courses (0100-0199) deal with events and processes that affect human societies over long periods of time and across broad geographical areas not confined to national boundaries. These courses include components that act as introductions to the field of history.

HIST 0200-Level Courses
These are lecture courses that deal with a single cultural or national entity, or a clearly related group of such entities, over a substantial period of time (usually a century or more).

HIST 0300-Level Courses
These courses, for the most part, are topically focused courses. Many of them are lecture courses and some are taught in a seminar format. These are not, however, seminars that fulfill the reading seminar requirement.

HIST 0400Level Reading Seminars
Unlike the courses below the 0400 level, which are primarily lecture courses, these courses are reading seminars on particular periods or topics. They are open to all students, although in cases of overcrowding, history majors will be given priority. First-year students are admitted only by waiver.

HIST 0600 Research Seminar
All history majors are required to take HIST 0600 their junior fall or, if abroad at that time, their senior fall semester. In this course students will conceive, research, and write a work of history based on primary source material. After reading and discussion on historical methods and

research strategies, students will pursue a paper topic as approved by the course professors.

International and Global Studies Seminars
These seminars are "capstone" courses required for the International and Global Studies major. They are thematic, interdisciplinary, cross-regional, and team-taught. Students who are not International and Global Studies majors may take these courses for departmental credit, but they will not normally fulfill the History Department major requirement of a 0400-level seminar.

HIST 0700 Senior Independent Study
All senior history majors will write a two-term thesis under an advisor in the area of their choosing. The department encourages students to do their theses during the fall and winter terms. Fall/spring theses are also acceptable and, with permission of the chair, winter/spring. On rare occasions, with departmental approval given for compelling reasons, a thesis may be initiated in the spring of an academic year and finished in the fall of the following year. All students beginning their thesis in a given academic year must attend the Thesis Writers' Workshops held in the fall and winter of that year. Further information about the thesis is available from the department.

HIST 0103 The Making of Europe (Fall 2017)

This course covers the history of Western Europe from the death of Caesar in 44 B.C. to the Peace of Westphalia in A.D. 1648. We will examine three interrelated themes: political authority within European society, the development of the religious culture of the West and the challenges to that culture, and the ways in which the development of a European economy contributed to the making of Europe itself. While examining these questions from the Roman Empire to early modern Europe, students will focus on the use of original sources, and on how historians interpret the past. Pre-1800. Not open to seniors. 2 hrs. lect./1 hr. disc. **EUR**, **HIS**, **SOC** *(L. Burnham)*

HIST 0106 Colonial Latin America (Fall 2017)

In this course we will examine the formation of Latin American societies from 1492 to 1800, with emphasis on the contact and interaction of indigenous, European, and African civilizations. We will study three major themes: the transfer of Spanish and Portuguese Catholic society compared to their British and French counterparts; the development of the distinct Ibero-American notions of justice, status, race and gender; and the ways in which Protestants, Jews, pirates, and other groups resisted Iberian authority. Finally, we will see how these developments eventually led to independence movements of the early nineteenth century. Pre-1800. 2 hrs. lect./1 hr. disc. (formerly HIST 0285) **AAL**, **AMR**, **HIS**, **SOC** *(D. Davis)*

HIST 0107 Modern Latin America (Spring 2018)

This survey course will trace the philosophical, economic, political, and cultural developments of Latin America from independence to the present day. Particular emphasis will be placed on the formation of nation-states; issues of development, including agricultural production and industrialization; national and cultural symbols; and social relations within Latin American societies. The aim of the course is to provide a broad background of major themes and issues in Latin American societies which include Mexico, Central America, and South America. 2 hrs. lect./1 hr. disc. (formerly HIST 0286) **AAL**, **AMR**, **CW** (5 seats), **HIS**, **SOC** *(D. Davis)*

HIST 0108 The Early History of Islam and the Middle East (Fall 2017)

This course is an introduction to the history of Islamic civilizations from the advent of Islam around 610 C.E. to the Ottoman conquest of Constantinople in 1453. The principal geographic areas covered are the Middle East and North Africa. Since "Islam" encompasses not simply a religion but an entire cultural complex, this course will trace the development of religious, political, economic, and social institutions in this region. Topics covered include the early Islamic conquests, the rise of religious sectarianism, gender relations, and the expansion of Islamic empires. Pre-1800. 2 hrs lect./1 hr. disc. **AAL**, **HIS**, **MDE**, **SOC** *(F. Armanios)*

HIST 0110 Modern South Asia (Spring 2018)

This course is an introduction to the history of South Asia. We will examine such events as the remarkable rise and fall of the Mughal empire (1526-1700s), the transformation of the once-humble English East India Company into a formidable colonial state (1700s-1858), the emergence of nationalist and anti-imperialist movements led by people such as Mahatma Gandhi and M.A. Jinnah (1858-1947), and the establishment and recent histories of the new nations of India, Pakistan, Bangladesh, and Sri Lanka. Readings will include primary sources, history textbooks, historical novels, and newspaper articles. We will also watch at least one historical film. Pre-1800. 3 hrs. lect./disc. **AAL**, **HIS**, **SOA** *(I. Barrow)*

HIST 0112 Modern East Asia (Fall 2017)

In this course we will examine East Asian history from 1800 to the present. We will study the “Chinese World Order,” the patterns of European imperialism that led to this order’s demise, the rise of Japan as an imperialist power, and 20th century wars and revolutions. We will concentrate on the emergence of Japan, China, and Korea as distinct national entities and on the socio-historical forces that have bound them together and pried them apart. We will seek a broader understanding of imperialism, patterns of nationalism and revolution, and Cold War configurations of power in East Asia. 2 hrs. lect./1 hr. disc. **AAL**, **CMP**, **CW** (10 seats), **HIS**, **NOA**, **SOC** *(M. Clinton)*

HIST 0114 History of Modern Africa (Spring 2018)

We begin looking at revolutions in the early 19th century and the transformations surrounding the slave trade. Next we examine the European colonization of the continent, exploring how diverse interventions into Africans' lives had complex effects on political authority, class and generational dynamics, gender relations, ethnic and cultural identities, and rural and urban livelihoods. After exploring Africans' struggles against colonial rule in day-to-day practices and mass political movements, the last few weeks cover Africa's transition to independence and the postcolonial era, including the experience of neo-colonialism, ethnic conflict, poverty, and demographic crisis. (formerly HIST 0226) 2 hrs. lect., 1 hr. disc. **AAL**, **HIS**, **SAF**, **SOC** *(J. Tropp)*

HIST 0131 Archaic and Classical Greece (Fall 2017)

A survey of Greek history from Homer to the Hellenistic period, based primarily on a close reading of ancient sources in translation. The course covers the emergence of the polis in the Dark Age, colonization and tyranny, the birth of democracy, the Persian Wars, the interdependence of democracy and Athenian imperialism, the Peloponnesian War, and the rise of Macedon. Authors read include Herodotus, Thucydides, Aristophanes, Plutarch, Xenophon, and the Greek orators. 2 hrs. lect., 1 hr. disc. **EUR**, **HIS**, **LIT** *(J. Chaplin)*

Cross-listed as: CLAS 0131 *

HIST 0175 Immigrant America (Fall 2017)

In this course we will trace American immigration history from the late 19th to the turn of the 21st century, and examine the essential place immigration has occupied in the making of modern America and American culture. The central themes of this course will be industrialization and labor migrations, aftermaths of wars and refugees, constructions of racial categories and ethnic community identities, legal defining of "aliens" and citizenship, and diversity in immigrant experiences. To explore these themes, we will engage a range of sources including memoirs, novels, oral histories, and films. **AMR**, **HIS**, **NOR** *(R. Joo)*

Cross-listed as: AMST 0175 *

HIST 0203 United States History: 1492-1861 (Fall 2017)

A survey of American political, social and intellectual developments from the colonial period to the Civil War. Students receiving AP credit in American history may not take HIST 0203 for credit. Pre-1800. 3 hrs. lect./disc. **AMR**, **HIS**, **NOR**, **SOC** *(W. Hart)*

HIST 0206 The United States and the World Since 1898 (Spring 2018)

This course serves as an introduction to the history of American foreign relations from the Spanish-American War of 1898 to the turn of the 21st century. Through lectures, discussions, and a variety of readings, we will explore the multi-dimensional nature of the nation's rise to power within the global community, as well as the impact of international affairs upon American society. In addition to formal diplomacy and foreign policy, this course addresses topics such as immigration, cultural exchange, transnationalism, and globalization. 2 hrs. lect./1 hr. disc. **AMR**, **HIS**, **NOR** *(J. Mao)*

HIST 0215 Twentieth-Century America, 1960-2000 (Fall 2017)

This course concentrates on the history of the United States from the emergence of JFK's New Frontier until the eve of September 11, 2001. In particular, we will focus on the ways in which domestic development shaped America's place within the international community, and vice versa. Topics to be considered include: the rise and fall of the post-1945 social welfare state, decolonization and the Vietnam War, increasing American investment in the Middle East, the emergence of the "New Right," the end of the Cold War, and globalization and its contexts. (formerly HIST 0368) 2 hrs. lect., 1 hr. disc. **AMR**, **HIS**, **NOR** *(J. Mao)*

HIST 0222 United States Environmental History: Nature and Inequality (Spring 2018)

In this course we will study the interactions between diverse groups and their physical environments to understand how humans have shaped and in turn been shaped by the material world. Topics include: ecological change with European conquest; industrialization and race and class differences in labor, leisure, and ideas of “nature”; African American environments South and North; the capitalist transformation of the American West, rural and urban; Progressive conservation and its displacement of Native Americans and other rural groups; chemical- and petroleum-based technologies and their unexpected consequences; and the rise of environmentalism and its transformation by issues of inequality and justice. 3 hrs. lect./disc. **AMR**, **CW** (10 seats), **HIS**, **NOR** *(K. Morse)*

HIST 0225 African American History (Spring 2018)

This course will explore the history of the African American people from the slave trade to the present. It will examine the process of enslavement, the nature of American slavery, the meaning of emancipation, the response to the rise of legalized segregation, and the modern struggle for equality. Special attention will be given to placing the African American story within the context of the developing American nation, its institutions, and its culture. (formerly HIST0371) 3 hrs. lect./disc. **AMR**, **HIS**, **NOR** *(W. Hart)*

HIST 0232 Modern China (Spring 2018)

In this course we will examine the history of China from the early 19th century through the end of the Maoist period. Readings, lectures, and discussions will familiarize students with the cultural and social structures of the late Qing Empire, patterns of semi-colonialism, the rise of nationalist, feminist, and Marxist movements, and key events in the People's Republic of China. Students will emerge from the class with a broader understanding of forms of empire and imperialism, anti-colonial nationalism, non-Western Marxism, and the tendencies of a post-socialist state. 2 hrs. lect., 1 hr. disc. **AAL**, **HIS**, **NOA**, **SOC** *(M. Clinton)*

HIST 0235 History of Pre-Modern Japan (Fall 2017)

In this course we will explore the social, cultural, and institutional history of Japan from the eighth century up through the rise of the Tokugawa shogunate in the 17th century. The course is organized thematically to illuminate the different periods of Japanese history, including the imperial origin myth and Heian culture, the frontier and the rise of samurai government, localism and the warring states period, and finally the Tokugawa settlement and the paradoxes of centralized feudalism. Pre-1800. 3 hrs. lect/disc. **AAL**, **HIS**, **NOA**, **SOC** *(M. Ward)*

Cross-listed as: JAPN 0235

HIST 0236 History of Modern Japan, 1800-1952 (Spring 2018)

This course reviews the major events and enduring questions of modern Japanese history beginning with the Meiji Restoration (1868) up through the Allied Occupation (1945-1952) following Japan's defeat in World War II. Through a variety of materials, including novels, philosophy, historical essays, and films, we will explore the formation of the modern Japanese nation-state, the "invention of tradition" in constructing a modern national identity, Japan's colonial incursions into East Asia, 1920s mass culture, the consolidation of fascism in the 1930s, and the transwar legacies of early postwar Japan. We will pay particular attention to the relationship between transformations within Japan and larger global trends. **AAL**, **HIS**, **NOA**, **SOC** *(M. Ward)*

Cross-listed as: JAPN 0236

HIST 0237 Chinese Philosophy (Fall 2017)

A survey of the dominant philosophies of China, beginning with the establishment of the earliest intellectual orientations, moving to the emergence of the competing schools of the fifth century B.C., and concluding with the modern adoption and adaptation of Marxist thought. Early native alternatives to Confucian philosophy (such as Mohism, Daoism, and Legalism) and later foreign ones (such as Buddhism and Marxism) will be stressed. We will scrutinize individual thinkers with reference to their philosophical contributions and assess the implications of their ideas with reference to their historical contexts and comparative significance. Pre-1800. 3 hrs. lect./disc. **AAL**, **HIS**, **NOA**, **PHL** *(D. Wyatt)*

Cross-listed as: PHIL 0237

HIST 0238 Medieval Cities (Spring 2018)

This course will examine the economic, social, topographical and cultural history of the medieval city. We will study the transformation of urban life from the Roman period through the dark years of the early Middle Ages in the West into the flourishing of a new type of European city life in the High Middle Ages. The development of urban institutions, the building of cathedrals, universities and fortifications, and the growth of trade will all be considered, as will the experience of groups such as Jews, women and intellectuals. Although the class will focus on the medieval European city, we will also draw comparisons with cities of the Muslim East. Pre-1800. 3 hrs lect/disc. **CW** (5 seats), **EUR**, **HIS** *(L. Burnham)*

HIST 0240 History of Pakistan (Fall 2017)

This course is a political and cultural history of Pakistan. Topics to be discussed include: the pre-independence demand for Pakistan; the partitioning of India in 1947; literary and cultural traditions; the power of the army in politics; the civil war that created Bangladesh; the wars with India; the wars in Afghanistan; the rise of Islamist parties and militant groups; the significance of the Taliban and al Qaeda; and Pakistan's relations with the US, China and India. Readings will include histories, autobiographies, novels, and newspaper and magazine accounts. Several documentary films will also be shown. 3 hrs. lect./disc. **AAL**, **HIS**, **SOA** *(I. Barrow)*

HIST 0245 History of Modern Europe: 1800-1900 (Fall 2017)

This course will trace several complex threads across the nineteenth century, a period that saw enormous changes in economic structures, political practices, and the experience of daily life. We will look specifically at the construction of nation-states, the industrial revolution and its effects on the lives of the different social classes, the shift from rural to urban life, and the rise of mass culture and its political forms. Taking a cultural perspective, we will consider, for example, the language of working-class politics, the painting of modern urban life, and imperialism in popular culture. 3 hrs. lect./disc. **EUR**, **HIS**, **SOC** *(R. Bennette)*

HIST 0248 The Soviet Experiment (Spring 2018)

In this course we will explore the Soviet attempt to forge a fundamentally new form of human life. Starting with the revolutionary movement of the early 20th century, we will examine the development and ultimate downfall of the USSR. What was Soviet communism (both in idea and in practice)? How did its implementation and development transform local identities (religious, ethnic/national, social)? How did internal and external factors (political, social, economic) transform Soviet policy and life? Was the collapse of the USSR inevitable? Special attention will be paid both to political leaders and ordinary people (believers, collaborators, victims, dissidents, outcasts). 3 hrs lect./disc. **AAL**, **CMP**, **EUR**, **HIS** *(R. Mitchell)*

HIST 0266 Egypt, Iran, and Turkey: Alternative Modernizations (Spring 2018)

The Middle East's struggles with modernization are encapsulated in the history of its three most populous nation-states: Egypt, Iran, and Turkey. The rise of nationalism, European incursions in the Middle East, and internal strife contributed to the gradual fall of the Ottoman and Qajar Empires in the late nineteenth and early twentieth centuries. From the rubble emerged distinct social, political, economic, and religious responses to modernization, ranging from the establishment of a secular, ultra-nationalist state in Turkey, Arab nationalism in Egypt, monarchism and Islamism in Iran. We will explore and compare these three experiences using an array of sources including primary documents, works of fiction, and film. 3 hrs. lect./disc. **AAL**, **CMP**, **HIS**, **MDE**, **SOC** *(F. Armanios)*

HIST 0303 Oil, Opium, and Oligarchs: Modern Asian Empires (Spring 2018)

In this course we will examine dynamics and legacies of imperialism in East and Southeast Asia from the nineteenth century through the present. We will consider the role of opium in securing British influence, the rise of Japan as an imperialist power, struggles to control regional markets and natural resources, and China’s expansionist efforts past and present. By engaging with novels, films, treaties, and historical scholarship, class participants will gain a broad understanding of empires and imperialism, and how this heritage continues to inform Pacific-regional relations. Not open to students who have taken IGST/HIST 0475. 3 hrs. lect./disc. **AAL**, **HIS**, **NOA** *(M. Clinton)*

HIST 0305 Confucius and Confucianism (Spring 2018)

Perhaps no individual has left his mark more completely and enduringly upon an entire civilization than Confucius (551-479 B.C.) has upon that of China. Moreover, the influence of Confucius has spread well beyond China to become entrenched in the cultural traditions of neighboring Japan and Korea and elsewhere. This course examines who Confucius was, what he originally intended, and how the more important of his disciples have continued to reinterpret his original vision and direct it toward different ends. Pre-1800. (formerly HIST/PHIL 0273) 3 hrs. lect./disc. **AAL**, **CW** (5 seats), **HIS**, **NOA**, **PHL** *(D. Wyatt)*

Cross-listed as: PHIL 0305

HIST 0306 Global Fascism (Fall 2017)

What was, or is, fascism? How do we know it when we see it? Can fascism be understood as an exclusively European phenomenon, or did it become manifest in movements and regimes in other parts of the twentieth-century world? In this seminar, we will engage with such questions via a range of texts including manifestos, films, and scholarly works. The first part of the course will interrogate seminal theories of fascism, the second will examine historical instances of fascism with particular emphasis on East Asia, and the final part will engage with debates about the contemporary resurgence of authoritarian populism. 3 hrs. Sem. **AAL**, **CMP**, **HIS**, **NOA** *(M. Clinton, M. Ward)*

HIST 0312 Tokyo: Between History and Utopia (Spring 2018)

In this course we will explore the history of Tokyo—from its "prehistory" as a small castle town in the 16th century to the cosmopolitan metropolis of the 20th century—and trace how Tokyo has captured the imagination as a space of possibility, of play, and for many, of decadence. Through a range of sources, including films, novels, ethnographies, and historical essays, we will use Tokyo as a "site" (both urban and ideological) through which to explore broader questions related to capitalist modernity, the formation of the nation-state, cultural identity, gender politics, and mass-culture. 3 hrs. sem. **AAL**, **HIS**, **NOA**, **SOC** *(M. Ward)*

Cross-listed as: JAPN 0312

HIST 0313 Revolutionary Russia (Fall 2017)

The Russian Revolution was a continuum of violence that, through years of civil war and political, social and cultural revolutions, sought to transform the basis of human existence and usher in a utopian future, imposing “Marxist” values upon diverse local cultures and contexts. We will examine the rise and fall of revolutionary sentiment from late-imperial terrorism through the establishment of Stalin’s dictatorship. Through analysis of primary and secondary sources, students will assess both the manifold ambitions of the revolutionary years and how memory of 1917 has been used to justify, critique and at times repossess aspects of Russian/Soviet history. 3 hrs sem. **CMP**, **EUR**, **HIS** *(R. Mitchell)*

HIST 0315 Health and Healing in African History (Fall 2017)

In this course we will complicate our contemporary perspectives on health and healing in Africa by exploring diverse historical examples from the continent's deep past. Our readings, discussions, and papers will cover a range of historical contexts and topics, such as the politics of rituals and public healing ceremonies in pre-colonial contexts, state and popular responses to shifting disease landscapes in the colonial era, long-term cultural and economic changes in healer-patient dynamics, the problematic legacies of environmental health hazards in the post-colonial period, and Africans' engagement with global health interventions in recent decades. 3 hrs. sem. **AAL**, **HIS**, **SAF**, **SOC** *(J. Tropp)*

HIST 0319 Readings in the Philosophy of History (Spring 2018)

Even before the appearance of Georg W. F. Hegel's classic study The Philosophy of History, a heated debate was being waged concerning the nature and substance of history. Is history, like science, expressible in predictable patterns or subject to irrevocable laws? What factors distinguish true history from the mere random succession of events? What should we assume to be the fundamental nature of historical truth, and are we to determine it objectively or subjectively? Is it possible to be human and yet be somehow "outside of" history? These are among the questions we will examine as we read and deliberate on a variety of philosophies of history, while concentrating on the most influential versions developed by Hegel and Karl Marx. 3 hrs. sem. **CW** (5 seats), **EUR**, **HIS**, **PHL** *(D. Wyatt)*

Cross-listed as: PHIL 0319

HIST 0327 The Aztec Empire and the Spanish Conquest (Spring 2018)

This course centers around the rise and fall of the Aztecs, the first state-level society encountered by the Spanish in 1519. Although primarily known today for their military exploits for what today is Mexico, the Aztecs produced great artisans, artists, and philosophers whose contributions endure in contemporary Mexican culture. We will trace the origins and development of Aztec civilization to its encounter with the Spanish in 1519. The course also covers the Spanish background for the Conquest, from the martial and political expulsion of Moors and Jews from the Iberian Peninsula in 1492 to the Spanish Inquisition. 3 hrs. lect./disc. **AAL**, **CMP**, **HIS**, **SOC** *(J. Fitzsimmons)*

Cross-listed as: SOAN 0327 *

HIST 0331 Sparta and Athens (Spring 2018)

For over 200 years, Athens and Sparta were recognized as the most powerful Greek city-states, and yet one was a democracy (Athens), the other an oligarchy (Sparta). One promoted the free and open exchange of ideas (Athens); one tried to remain closed to outside influence (Sparta). This course studies the two city-states from the myths of their origins through their respective periods of hegemony to their decline as imperial powers. The goal is to understand the interaction between political success and intellectual and cultural development in ancient Greece. 2 hrs. lect., 1 hr. disc. **CMP**, **EUR**, **HIS**, **LIT** *(J. Chaplin)*

Cross-listed as: CLAS 0331 *

HIST 0346 Medieval Science, Technology and Magic (Spring 2018)

Modern understanding may link science with technology, but leaves magic out as a world apart. In the Medieval West, where alchemy and the astrolabe comfortably shared a workroom, intellectuals pursued both with equal fervor and respectability. In this course we will explore the medieval meanings and context of “science” and “magic,” developments in technology, and the relationship of authority and religion to all three through readings in primary sources, critical essays and monographs, and Umberto Eco's historical novel, *The Name of the Rose*. Students will contribute to class understanding with frequent individual research, including a final research paper. 3 hrs. lect./dsc. **EUR**, **HIS**, **SOC** *(L. Burnham)*

HIST 0352 Food in the Middle East: History, Culture, and Identity (Spring 2018)

In this course we will examine the rich culinary history of the Middle East from the time of major Islamic Empires, such as the Abbasids and Ottomans, until the modern period. Using an array of primary and secondary sources, we will explore the social, religious, literary, and economic place of food in the region. We will study the consumption of and attitudes toward specific foodstuffs, gauging the relevance of items like spices and coffee in the pre-modern period and of various dishes within modern nationalist constructions. We will also investigate how Middle Eastern peoples from different ethnic, geographic, and religious backgrounds have historically used food to express their distinct cultural, national, and gendered identities. 3 hrs. lect./disc. **AAL**, **CMP**, **HIS**, **MDE**, **SOC** *(F. Armanios)*

HIST 0369 The East India Company (Fall 2017)

In this course you will be introduced to the English East India Company, from the 17th-century until its dissolution in 1858. Much of our focus will be on the Company's presence in India, and we will pay particular attention to its transformation from a maritime trading company into a territorial colonial state. We will read a number of controversial texts from the period, immerse ourselves in the worlds of Company and Indian politics, and do guided research using holdings in Middlebury's Special Collections. Topics will include the rise of the Company as a trading concern, its aggressive competition with other European trading monopolies and South Asian kingdoms, and the importance of opium in its dealings with China. We will end with a discussion of the Indian rebellion of 1857. (Not open to students who have taken FYSE 1308 or HIST 1009) **AAL**, **HIS**, **SOA** *(I. Barrow)*

HIST 0391 Native Americans in the American Imagination (Spring 2018)

In this interdisciplinary seminar, we will examine the changing image of Native Americans in American popular culture from 1800-2000. Through novels, plays, films, photography, advertisements, amusements, sport-team mascots, and museum displays, we will trace and analyze how the American Indian has been defined, appropriated, and represented popularly to Americans from the early republic to the turn of the twenty-first century. We will consider how American popular culture has used over time the image of the American Indian to symbolize national concerns and to forge a national American identity. 3 hrs. sem. **AMR**, **HIS**, **NOR** *(W. Hart)*

HIST 0397 America and the Pacific (Fall 2017)

If the 20th century was "America's Century," then it could also be deemed "America's Pacific Century" as interaction with Asia fundamentally shaped the United States' political, social, and diplomatic development. In this course we will examine American foreign relations on the Pacific Rim from the Philippine-American War to the Los Angeles riots of 1992. Topics to be covered include: America's imperial project in Asia, the annexation of Hawaii, Wilsonian diplomacy, the reconstruction of Japan after World War II, the Korean and Vietnam Wars, Richard Nixon's visit to Communist China, and the immigrant experience. 3 hrs sem. **AMR**, **HIS**, **NOR** *(J. Mao)*

HIST 0408 Readings in Modern European History: The Nazis and the Jews (Spring 2018)

Hitler and his functionaries in the Nazi Party initiated and led a vicious campaign to annihilate the Jews of Europe during the Second World War. This seminar will examine the issues and events that helped shape the National Socialist worldview of individuals and groups during the Nazi Holocaust, and will close with an examination of how modern European cultures have addressed the legacy of the Nazi past, including such topics as Holocaust denial and memorialization. (formerly HIST 0424) 3 hr. sem. **EUR**, **HIS** *(R. Bennette)*

Cross-listed as: JWST 0408

HIST 0429 Gandhi (Spring 2018)

This course will focus on the works and actions of Mahatma Gandhi. At one level, the readings will provide an introduction to the philosophy and life of one of the most significant, influential, and well-known figures of the 20th century. At another level, the course will discuss in detail the major themes and occurrences in modern Indian history, tracing the rise and ultimate victory of the Indian nationalist movement. The class will read a variety of texts, including books written by Gandhi, tracts published by his political and religious opponents, social commentaries, contemporary novels, and engaging histories. (formerly HIST 0414)3 hrs. sem **AAL**, **HIS**, **SOA** *(I. Barrow)*

HIST 0432 Russia’s Imperial Borderlands (Spring 2018)

In this course we will explore the complex fabric of Russia’s multi-ethnic borderlands in the 19th and 20th centuries. How did shifting relations with Russia and other imperial systems shape local identities? How and when did nationalist sentiment emerge in these regions, and how did the imperial center(s) respond? How did shifting borders affect identity formation? Did the creation of the Soviet Union mark the end of empire or its transformation into new forms? Regions to be discussed include Ukraine, Belarus, Poland, Georgia, the Baltic countries, and the Central Asian states. 3hrs lect/disc. **AAL**, **CMP**, **HIS**, **NOA** *(R. Mitchell)*

HIST 0435 American Conservatism after 1932: Ideology, Politics, History (Spring 2018)

“Let’s grow up, conservatives!” was Sen. Barry Goldwater’s dictum at the 1960 Republican convention. Once dismissed as practically extinct, American conservatism became the most enduring political movement of the 20th century. In this seminar we will trace conservative thought and politics from the New Deal era through the contemporary moment, highlighting both domestic and international developments that shaped the modern American right. Students will closely engage with recent scholarly works as well as primary sources such as speeches, magazines, campaign texts, and visual media to effectively understand conservatism’s historical evolution. 3 hrs. sem **AMR**, **HIS**, **NOR** *(J. Mao)*

HIST 0438 Readings in Middle Eastern History: Women and Islam (Fall 2017)

In this course we will examine women's lives in Islamic societies from the seventh century to the contemporary period, focusing on the Middle East and North Africa. Readings will explore a variety of topics including the changing role of women from pre-Islamic to Islamic societies; women in the Qur’an and in Islamic law; gender roles in relation to colonialism, nationalism, and Islamism; the experience of women in Sunni and Shi’a contexts; and Western images of Muslim women. (formerly HIST 0416) 3 hrs. sem. **AAL**, **CW** (6 seats), **HIS**, **MDE**, **PHL** *(F. Armanios)*

Cross-listed as: GSFS 0438

HIST 0442 Popular Culture and History in Africa (Spring 2018)

In recent years scholars of the African past have increasingly turned their attention to the multiple arenas of "popular culture" that have helped shape and express Africans' histories. In this course, we will explore the diverse thematic range of such approaches and the new conceptual lenses they bring to interpreting African colonial and post-colonial history. Readings and seminar discussions will touch on such varied historical topics as Africans as producers and consumers of popular photography, film/video, and music; the politics of fashion; and local dynamics of sports and leisure. (Formerly HIST 0420) 3 hrs. sem. **AAL**, **HIS**, **SAF**, **SOC** *(J. Tropp)*

HIST 0500 Special Research Projects (Fall 2017, Spring 2018)

Special research projects during the junior year may be used to fulfill the research seminar requirements in some cases. Approval of department chair and project advisor is required.

HIST 0600 History Research Seminar (Fall 2017)

All history majors who have not taken a writing and research seminar are required to take HIST 0600 in their junior fall or, if abroad at that time, their senior fall semester. In this course, students will conceive, research, and write a work of history based on primary source material to the degree possible. After reading and discussion on historical methods and research strategies, students will pursue a paper topic as approved by the course professors. HIST 0600 is also open to International Studies and Environmental Studies majors with a disciplinary focus in history. 3 hr. sem **CW** *(K. Morse, D. Davis, R. Mitchell)*

HIST 0700 Senior Independent Study (Fall 2017, Spring 2018)

The History Senior Thesis is required of all majors. It is written over two terms, with the final grade applying to both terms. The project is generally begun in the fall and completed during winter or spring. Approval is required to begin the thesis in winter or spring, and such students must still attend the Thesis Writer's Workshops that take place in fall and winter.

↑ Top

Department of History of Art & Architectural Studies

Required for the Major, History of Art Track (11 courses): HARC 0100 (Monuments and Ideas in Western Art); HARC 0102 (Monuments and Ideas in Asian Art) or another course in non-Western art and architecture; one course in studio art or HARC 0120 (DesignLab) or HARC 0130 (Intro to Architectural Design); HARC 0301 (Ways of Seeing; sophomore or junior year; prerequisite for HARC 0710 and HARC 0711); at least five additional courses in the history of art or architecture distributed among several historical periods or traditions, with at least one being at the 0300-level or above; HARC 0710 (Senior Thesis Research Seminar, fall of senior year); HARC 0711 (Senior Thesis, winter term senior year). Advisory: Graduate programs in the history of art and classical archaeology require students to pass reading examinations in at least two foreign languages. Students can improve job prospects by acquiring practical experience, such as internships or participation in the Museum Assistants Program (MAP).
Joint Major, History of Art Track (eight courses): HARC 0100 (Monuments and Ideas in Western Art); HARC 0102 (Monuments and Ideas in Asian Art) or another course in non-Western art and architecture; HARC 0301 (Ways of Seeing; sophomore or junior year; prerequisite for HARC 0710 and HARC 0711); three additional courses in the history of art or architecture distributed among several historical periods or traditions, one of which should be at the 0300-level or above; HARC 0710 (Senior Thesis Research Seminar, fall of senior year); HARC 0711 (Senior Thesis, winter term of senior year). A proposed program of study, including educational rationale and specific courses to be taken, must be submitted to the department for approval before registering as a joint major.
Minor, History of Art Track (six courses): HARC 0100 (Monuments and Ideas in Western Art); HARC 0102 (Monuments and Ideas in Asian Art) or another course in non-Western art and architecture; four additional courses in the history of art or architecture distributed among several historical periods or traditions.

Requirements for the Major, Museum Studies Track (11 courses): HARC 0100 (Monuments and Ideas in Western Art); HARC 0102 (Monuments and Ideas in Asian Art) or another course in non-Western art and architecture; HARC 0248; HARC 0301; HARC 0540 (MAP Participation for credit), or a pre-approved internship, or a pre-approved independent project (HARC 0510) if a suitable faculty member is available to supervise it; HARC 0710; HARC 0761; four additional courses in history of art or architecture distributed among several historical periods or traditions, with at least one being at the 0300-level or above.
Joint Major, Museum Studies Track (eight courses): HARC 0100 or HARC 0102; HARC 0248; HARC0 0301; HARC 0540, or an approved internship, or a pre-approved independent project (HARC 0510); HARC 0710; HARC 0761; Two electives in HARC to be selected in consultation with the advisor.
Minor, Museum Studies Track (six courses): HARC 0100 or HARC 0102; HARC 0248; HARC 0540 (MAP Participation for credit)or a pre-approved independent project (HARC 0510) if a suitable faculty member is available to supervise it;Three HARC electives to be selected in consultation with the advisor.

Honors: Honors are awarded to students with a GPA** of 3.5 and a thesis grade of B+ or higher; high honors to students with a GPA of 3.7 and a thesis grade of A- or A; and highest honors to students with a GPA of 3.8 and a thesis grade of A.
** The History of Art + Architecture GPA is calculated on the basis of those courses that satisfy or could potentially satisfy the requirements for the major. Only courses taken on the

Middlebury College campus and applied towards the major will be used in the calculation of GPA for purposes of determining honors. Study abroad and transfer courses will not be used.
Please note: Courses offered by other departments and programs may, by prior departmental approval, be used to satisfy elective requirements.

Architectural Studies Program
Required for the Major, Architectural Studies Track (11 courses): HARC 0100 (Monuments and Ideas in Western Art); HARC 0102 (Monuments and Ideas in Asian Art) or another course in non-Western art and architecture; HARC 0120 (DesignLab) or another approved course in studio art, theatre set or lighting design, or dance; HARC 0130 (Introduction to Architectural Design); HARC 0230 (Modern Architecture); HARC 0330 (Intermediate Architectural Design), or a pre-approved substitute taken off-campus; three additional courses that deal with architectural history, urbanism, or contemporary visual culture; and HARC 0731 (Thesis in Architectural Studies: Research) and HARC 0732 (Thesis in Architectural Studies: Design), open only to HARC majors and joint majors, to be taken sequentially. Advisory: This major track does not result in a professional degree in architecture. Many graduate architecture schools expect applicants to have taken a survey of modern architecture as well as college-level courses in calculus and physics.
Joint Major, Architectural Studies Track (eight courses): HARC 0100 (Monuments and Ideas in Western Art); HARC 0102 (Monuments and Ideas in Asian Art) or another course in non-Western art and architecture; HARC 0130 (Introduction to Architectural Design); HARC 0230 (Modern Architecture); HARC 0330 (Intermediate Architectural Design), or a pre-approved substitute taken off-campus; one additional course that deals with architectural history, urbanism, or contemporary visual culture; and HARC 0731 (Thesis in Architectural Studies: Research) and HARC 0732 (Thesis in Architectural Studies: Design), open only to HARC majors and joint majors, to be taken sequentially. A proposed program of study, including educational rationale and specific courses to be taken, must be submitted to the department for approval before registering as a joint major. Advisory: This joint major track does not result in a professional degree in architecture. Many graduate architecture schools expect applicants to have taken a survey of modern architecture as well as college-level courses in calculus and physics.
Joint Major, Architectural Studies/ Environmental Studies "Architecture and the Environment" (15 courses): ENVS 0112, ENVS 0211, ENVS 0215, and GEOG 0120, all to be taken before the end of junior year; two ES Cognate Courses (both science courses with labs, listed under Environmental Studies); HARC 0100; HARC 0130; HARC 0230; HARC 0231; HARC 0330 or a pre-approved substitute to be taken off-campus; one additional course that deals with architectural history, urbanism, or contemporary visual culture; ENVS 0401; and HARC 0731 (Thesis in Architectural Studies: Research) and HARC 0732 (Thesis in Architectural Studies: Design), open only to HARC majors and joint majors, to be taken sequentially. Advisory: This joint major track does not result in a professional degree in architecture. Many graduate architecture schools expect applicants to have taken a survey of modern architecture as well as college-level courses in calculus and physics.
Minor, Architectural Studies (five courses): HARC 0100 (Monuments and Ideas in Western Art); HARC 0102 (Monuments and Ideas in Asian Art) or another course in non-Western art and architecture; HARC 0130 (Introduction to Architectural Design); HARC 0230 (Modern Architecture); and HARC 330 (Intermediate Architectural Design) or a pre-approved substitute taken off-campus. Advisory: many graduate architecture schools expect applicants to have taken calculus, physics, and a survey of modern architecture.
Honors: Honors in all tracks are awarded to students with a GPA** of 3.5 and a thesis grade of B+ or higher; high honors to students with a GPA of 3.7 and a thesis grade of A- or A; and highest honors to students with a GPA of 3.8 and a thesis grade of A.

** The History of Art + Architecture GPA is calculated on the basis of those courses that satisfy or could potentially satisfy the requirements for the major.

HARC 0100 Monuments and Ideas in Western Art (Fall 2017, Spring 2018)

This course is an introduction to the study of Western art history through an investigation of selected art works, considered individually and in broader contexts. The course chronicles the evolution in painting, sculpture, and architecture of the western world. It is designed for those who wish to build a broad acquaintance with the major works and ideas of Western art in their historical settings and to develop tools for understanding these works of art as aesthetic objects and bearers of meaning for the societies, groups, or individuals that produced them. Registration priority will be given to first and second year students. 2 hrs. lect./1 hr. disc. **ART**, **EUR**, **HIS** *(Fall 2017: E. Garrison; Spring 2018: C. Anderson)*

HARC 0102 Monuments and Ideas/Asian Art (Fall 2017)

Monuments and Ideas in Asian Art*
This course is an introduction to the study of Asian art history through an investigation of selected art works, considered individually and in broader contexts. This course chronicles the evolution in painting, sculpture, and architecture, and other media of Asia. It is designed for those who wish to build a broad acquaintance with the major works and ideas of Asian art in their historical settings and to develop tools for understanding these works of art as aesthetic objects and bearers of meaning for the societies, group, or individuals that produced them. Registration priority given to first and second year students. 2 hrs. lect./1 hr. disc.. **AAL**, **ART**, **CMP**, **HIS**, **NOA** *(C. Packert)*

HARC 0120 DesignLab: Creating Innovation (Fall 2017)

In this course students will explore the fundamental principles of design thinking and creative innovation. We will pursue all aspects of the design process, from discerning opportunities and researching solutions to developing concepts and generating prototypes. We will explore design approaches from the renowned Bauhaus to those offered today by digital development and fabrication, including 3-D printing. Students will participate in workshops, conduct individual projects, work in teams, and make presentations on implementing their designs. We will also engage in discussions of how their designs affect the environmental and ethical aspects of our increasingly global and digital world. 3 hrs. lect **ART** *(M. Lopez Barrera)*

HARC 0130 Introduction to Architectural Design (Fall 2017, Spring 2018)

Are you fascinated by buildings and interested in trying your hand at architectural design? This course will introduce you to principles of architecture and teach you the skills architects use to explore and communicate design ideas. We will consider urban and rural settings, sustainability, energy efficiency, functionality, comfort, and the role architecture plays in shaping community. Classroom instruction by a practicing architect will provide hands-on drawing, model-making, and materials research as well as field trips to see innovation in the works, including house tours (both in construction and finished). Students will work in teams and individually to analyze existing buildings and design their own. Students seeking to improve their understanding of the built environment are encouraged to take this course. No prior experience is needed. **ART** *(Fall 2017: A. Murray; Spring 2018: B. Allred)*

HARC 0204 Approaches to Islamic Art (Fall 2017)

A survey of major expressions of Islamic art from the inception of Islam to the present, from all parts of the Islamic world. This is not a traditional survey; rather, it focuses on key monuments and important examples of portable and decorative arts: mosques, tombs, palaces, manuscript illumination, calligraphy, metalwork, textiles, ceramics, etc. We will consider their meanings and functions in their respective socio-historical contexts, and we will also analyze the impact of patronage and region. We will try to understand what general principles unify the richness and diversity of Islamic art: what is Islamic about Islamic art? Finally, we will address the issue of contemporary Islamic art. (No prerequisites). 3 hrs. lect. **AAL**, **ART**, **MDE** *(C. Packert)*

HARC 0205 World War I and American Art (Fall 2017)

This year (2017) marks the centennial of the United States' entry into World War I. How did the "Great War" change American culture? How do we remember World War I, and how might its cultural products inform American identity? How did artists react to social turmoil and violence? In this course, we will examine the art and artifacts of American involvement in World War I, from posters ("Uncle Sam Wants You!"), flag parades, paintings, and films to prostheses, monuments, and memorials, as well as the war's effect on gender roles and race relations. How might Middlebury observe the one hundredth anniversary of the war? 3 hrs. lect. **AMR**, **ART**, **HIS**, **NOR** *(E. Foutch)*

Cross-listed as: AMST 0205 *

HARC 0209 Venice in Renaissance (Fall 2017)

Venetian art was long shaped by its unique setting, distinctive political structure, and a collective identity enforced by its patrician leaders. In this course, we will engage in a close consideration of the socio-political conditions that both reinforced tradition and ultimately made way for a "golden age" in Venetian painting, sculpture, and architecture. Topics will include individual artists, such as Bellini, Giorgione, Titian, and Palladio, as well as artistic training and workshop practice, patronage, and the rise of Venetian humanism. 3 hrs. lect. **ART**, **EUR**, **HIS** *(K. Smith Abbott)*

HARC 0227 Poetry, Piety and Power: Indian Painting 1200-Present (Spring 2018)

This course considers the history, context, style, and significance of a broad spectrum of Indian painting traditions. We will look closely at Jaina and Hindu religious illustrations, the evocative courtly and religious imagery from the Rajput and other regional kingdoms, the extraordinarily refined and naturalistic Mughal imagery, the influence of colonialism, and the development of modern and contemporary works. 3 hrs. lect. **AAL**, **ART**, **HIS**, **SOA** *(C. Packert)*

HARC 0230 Modern Architecture (Spring 2018)

Rotating skyscrapers, green roofs, and avant-garde museums: how did we arrive in the architectural world of the early 21st century? In this course we will survey the major stylistic developments, new building types, and new technologies that have shaped European and American architecture since the late 18th century. Students will learn about the work of major architects as well as key architectural theories and debates. Special emphasis will be placed on the cultural and political contexts in which buildings are designed. 2 hrs. Lect./1 hr. disc. **ART**, **HIS** *(D. Karakas)*

HARC 0231 Architecture and the Environment (Spring 2018)

Architecture has a dynamic relationship with the natural and cultural environments in which it operates. As a cultural phenomenon it impacts the physical landscape and uses natural resources while it also frames human interaction, harbors community, and organizes much of public life. We will investigate those relationships and explore strategies to optimize them, in order to seek out environmentally responsive architectural solutions. Topics to be covered include: analysis of a building's site as both natural and cultural contexts, passive and active energy systems, principles of sustainable construction, and environmental impact. Our lab will allow us to study on site, "off-the-grid" dwellings, hay-bale houses, passive solar constructions and alternative communities, meet with "green" designers, architects, and builders, and do hands-on projects. 3 hrs. lect./3 hrs. lab. **ART** *(A. Murray)*

Cross-listed as: ENVS 0231

HARC 0239 The Art of Scarcity and Abundance: The Politics and Poetics of Water (Fall 2017)

In the midst of global warming and increased desertification, this course will look back on our long-term engagement with water. Starting with our immediate environment, Middlebury, and then moving on to far off places like Venice, Cairo, Granada, Istanbul, and Paris, we will explore how changing attitudes toward the nature and function of water across various cultures over time were shaped and expressed through images, architecture, and infrastructure. We will also consider how these issues intersected with politics, religion, economic change, science and technology, urbanization, and environmental concerns. Our work inside and outside the classroom will guide our exploration of the complex connections between local and global processes, as we evaluate different approaches to “the built environment” and “sustainability” through the lens of water. 3 hrs. lect. **ART**, **CMP**, **HIS** *(D. Karakas)*

HARC 0241 Art and Religion of Ancient Egypt (Fall 2017)

With its pyramids and mummies, the civilization of Ancient Egypt and its obsession with the afterlife loom large in the contemporary imagination. In this introductory course we explore Egyptian art and religion and study the driving forces for Egypt's cultural continuity and change between c. 3200 BCE and 30 BCE. We also consider the impact of Ancient Egypt on later civilizations; its rediscovery during the 19th and early 20th centuries; and the reception of Ancient Egypt as a factor in the formation of modern Egypt. 3 hrs. Lect. **AAL**, **MDE** *(P. Broucke, S. Goldman)*

Cross-listed as: RELI 0241

HARC 0247 Impressionism and Post-Impressionism (Fall 2017)

In this course we will examine the Impressionist and Post-Impressionist movements that evolved in France during the second half of the 19th century. Looking at artists such as Manet, Degas, Cassatt, and Monet, as well as Cézanne, Van Gogh, Seurat, and Gauguin, we will place their work in social and historical contexts that include the rise of the city, new opportunities for leisure, demographic change, and the breakdown of artistic establishments. When appropriate we will compare visual artistic production to parallel developments in literature and music. 3 hrs. lect. **ART**, **EUR**, **HIS** *(K. Hoving)*

HARC 0251 Court, Castle, and Cathedral: The Gothic World (Spring 2018)

This survey course will consider closely the major architectural monuments of the Gothic period in Western Europe, using them as a point of departure in a larger consideration of the artistic culture of this time. In looking at Gothic art and architecture, the class will ask some of the following questions: How were buildings embedded in the promotion of distinct political programs? How do liturgical considerations determine the shapes of buildings and sites? How can we track the emergence of a non-Christian "other" in art of all media? How can we characterize the visual and intellectual culture of "courtly love"? 3 hrs. lect. **ART**, **EUR**, **HIS** *(E. Garrison)*

HARC 0255 The Crossroads of East and West: Byzantine and Ottoman Constantinople (Spring 2018)

In this course we will look at Istanbul's multi-layered historic past during its thousand years as a capitol of the Byzantine and Ottoman Empires. We will survey the city's changing social and religious landscapes as well as the complex relationships among Christians, Muslims, and Jews, considering the city during the reigns of Constantine and Suleyman the Magnificent, among others, and ending with an examination of 1950s demolition projects. By the end of this course, students will have an understanding of the city's diverse religious communities and their relationships to one another, and they will learn how to analyze the form and growth of a city. 3 hrs. lect. **AAL**, **ART**, **HIS**, **MDE** *(D. Karakas)*

HARC 0265 Twentieth Century Latin American Art (Spring 2018)

In this course we will survey major developments in the art of Latin America from 1890 to the present. We will explore the rise of avant-gardism and abstraction, Mexican muralism, surrealism, kinetic art, neo-concrete art, and conceptualism, as well as the interaction between Latin Americans artists and their European and North American counterparts. We will also study the work of individual artists such as Diego Rivera, Joaquín Torres García, Wilfredo Lam, and Lygia Clark, among others. Readings will be drawn from artist's writings, criticism, primary documents, and recent art historical scholarship. **AAL**, **ART**, **CMP**, **HIS** *(E. Vazquez)*

HARC 0281 Viewer Discretion Advised: Controversies in American Art & Museums, 1876-Present (Spring 2018)

What are the “culture wars,” and why do they matter? What ideas are considered too “obscene” for American audiences? In this course we will explore controversies and scandals sparked by public displays of art in the U.S. including: Eakins’s Gross Clinic (1876), seen as too “bloody” for an art exhibition; the U.S. Navy’s objections to Paul Cadmus’s painting of sailors (1934); censorship and NEA budget cuts (Mapplethorpe & Serrano, 1989); backlash to The West as America’s deconstruction of myths of the frontier (1991); tensions surrounding Colonial Williamsburg’s “slave auction” reenactment (1994); debates over the continued display (and occasional defacement) of Confederate monuments in the era of the Black Lives Matter Movement. 3 hrs. lect./disc. **AMR**, **ART**, **HIS**, **NOR** *(E. Foutch)*

Cross-listed as: AMST 0281 *

HARC 0301 Ways of Seeing (Fall 2017, Spring 2018)

In this course we will focus on the various methods and theories that can enrich and deepen our understanding of art, architecture, and visual culture. Students will hone their analytical skills, both verbal and written, often with recourse to objects from the College Museum and the campus at large. In general, this seminar will develop students’ awareness of objects of culture broadly construed, and sharpen their understanding of the scope and intellectual history of the field. To be taken during the sophomore or junior year as a prerequisite for HARC 0710 and HARC 0711. 3 hrs. sem. **ART**, **CW** *(Fall 2017: C. Anderson; Spring 2018: E. Garrison)*

HARC 0306 Materiality and Meaning in Medieval Manuscripts (Fall 2017)

Before the invention of the printing press in the middle of the fifteenth century, all books were written by hand, a manual process that informed the term “manuscript.” The most luxurious of medieval manuscripts were illuminated with all manner of images, and these, along with the books themselves, were often understood as embodiments of divine wisdom. In this seminar we will consider medieval manuscripts as artworks and study the history of medieval manuscript illumination. Along the way, we will analyze the functions of various types of texts, learn about the rich relationships between text and image, consider the emergence of silent reading, and study the diverse audiences for medieval books. Over the course of the roughly one thousand years that we will cover in this course, we will see the book change from a mysterious receptacle of sacred wisdom to a commodity created for a mass market. 3 hrs. sem. **ART**, **EUR** *(E. Garrison)*

HARC 0313 From Velázquez to Cabrera: The Arts of Spain and the Spanish Americas (Spring 2018)

In this course we will examine the art and visual culture of Spain and the Spanish Americas from the early sixteenth to the early nineteenth century. We will consider the impact that religion, politics, and patronage had on artists working in Spain and the Viceroyalties of New Spain and Peru, focusing especially on how visual traditions, iconographies, and practices were reshaped when they crossed the Atlantic. We will also consider how—in the wake of global trade and exploration—contact between Amerindian, African, Asian, and European artisans transformed artistic production, patronage, and collecting practices throughout the Iberian world. 3 hrs. sem. **ART**, **CMP**, **HIS** *(C. Anderson)*

HARC 0327 Photography and the Environment (Fall 2017)

Since the invention of photography in 1839, photographers have turned their gaze toward the world around them. Working on the land, they have considered issues of land management and natural resources in a variety of ways. In this course we will explore the question of how American photographers from the 19th century to the present have used their photographs as a way of raising awareness about a variety of environmental questions. Artists to be considered may include: Timothy O'Sullivan, William Henry Jackson, Carleton Watkins, Annie Brigman, Ansel Adams, Laura Gilpin, Richard Misrach, and Edward Burtynsky. 3 hrs. lect/disc. **AMR**, **ART**, **HIS**, **NOR** *(K. Hoving)*

Cross-listed as: ENVS 0327

HARC 0330 Intermediate Architectural Design (Fall 2017, Spring 2018)

This studio course emphasizes the thought and method of architectural design. Members of this studio will be involved in developing their insights towards cultural value systems and their expression in the environments they create. Participants work primarily in the studio space and rely heavily on individual instruction and group review of their work. The course provides a foundation for more advanced study in the areas of architecture, landscape architecture, and other fields related to the design of the built environment, and an opportunity to work with the Cameron Visiting Architect. (HARC 0130) 3 hrs. lect./3 hrs. lab **ART** *(J. McLeod)*

HARC 0347 The Aesthetics of Asian Art: Is Beauty in the Eye of the Beholder? (Spring 2018)

In this course we will consider select Asian (Indian, Chinese, Japanese) and Islamic artworks in the Middlebury College Museum of Art's permanent collection to explore the fundamental question: "Is beauty in the eye of the beholder?" Are standards in beauty universal, or are they always relative? We will ask how the act of beholding is entwined with cultural assumptions and conditioning and will address those assumptions through an intensive combination of close looking, critical analysis, and comparative consideration of a diverse range of artworks and aesthetic traditions. Comparisons will be made with select works of Western art in the museum. 3 hrs. lect./disc. **AAL**, **ART**, **CMP**, **NOA** *(C. Packert)*

HARC 0349 Image, Text, Theory, Architecture (Fall 2017)

In this seminar we will examine the emergence and development of core ideas in the experience, practice, and theory of architecture. We will focus first on the reception of Vitruvius in Antiquity and the Renaissance, and then move to a consideration of the key theorists - both moralists and rationalists - of the modern era (including Soane, Ruskin, Viollet le-Duc, Le Corbusier). Emphasis will be placed on the specific historical situations and socio-cultural contexts in which those theories arose, and how they were represented within the field of architecture. By the end of this course students will acquire the literacy required to perceive and articulate the central theories, ideas, and points of view with which architects—and other practitioners of the built environment— operated, and will refine their research and writing skills through research into a particular aspect of architectural history and theory. 3 hrs. Sem **ART**, **EUR**, **HIS** *(D. Karakas)*

HARC 0510 Advanced Studies (Fall 2017, Spring 2018)

Supervised independent work in art history, museum studies, or architectural studies. (Approval Required) *(Fall 2017: P. Broucke, R. Saunders, S. Laursen, C. Packert, K. Hoving, E. Vazquez; Spring 2018: P. Broucke, S. Laursen, R. Saunders, C. Anderson, C. Packert, K. Hoving, E. Vazquez)*

HARC 0530 Independent Architect. Design (Fall 2017, Spring 2018)

Supervised independent work in architectural analysis and design. (Approval Required) *(Fall 2017: P. Broucke, J. McLeod, M. Lopez Barrera; Spring 2018: E. Sassin, P. Broucke, D. Karakas)*

HARC 0540 Supervised Independent Work in Museum Studies (Fall 2017, Spring 2018)

This practicum builds upon the Museum Assistants Program (MAP), the hands-on museum education program at the Middlebury College Museum of Art. In MAP, the Curator of Education trains students to conduct tours of the Museum's permanent collection and of special exhibitions for audiences of peers, school groups, and the general public. Combining service learning with the opportunity to both support and learn more about the arts, students gain expertise in public speaking, art history, and public programming. HARC 0540 should be taken concurrently with the second semester of MAP. The class will culminate with a public presentation on a museum-related topic evaluated by a faculty member of the Department of History of Art & Architecture. (Approval required) *(Fall 2017: P. Broucke, J. Vrooman, S. Laursen, C. Packert, K. Hoving, E. Vazquez; Spring 2018: R. Saunders)*

HARC 0710 Senior Thesis Research Seminar (Fall 2017)

In this course students will conceive, undertake research, and plan the organization of their senior thesis in art history or senior museum studies projects. Seminar discussions and workshops will focus on research strategies, conventions in art historical writing, project design, and public presentation skills. (HARC 0301; Approval Required) 3 hr. sem. *(C. Anderson)*

HARC 0731 Thesis in Architectural Studies: Research (Fall 2017)

This studio course constitutes the first part of the two-term senior design project in Architectural Studies. Pre-design research includes precedent study, programming, site analysis, and formulation of a thesis to be investigated through the design process. Preliminary design work begins with conceptual studies, and culminates in a coherent schematic design, to be developed further in Senior Architectural Design, Part II. Students present their work in graphic, oral, and written formats. (HARC 0330 or equivalent) 6 hrs. sem. *(M. Lopez Barrera)*

↑ Top

Independent Scholar Program

The Independent Scholar Program is designed to meet the needs of outstanding students who have clearly defined educational goals that cannot be fulfilled within the framework of a normal departmental or interdisciplinary major. Independent Scholars plan their own curricular programs with the assistance of a faculty adviser. Independent Scholars cannot propose two majors, but can pursue an independent scholar major and one minor. For the 2017-18 academic year, application materials are due to the Curriculum Committee by Monday, October 2, 2017, for fall review; and Monday, February 12, 2018, for spring review.

Eligibility: For an application to be considered, a student must be in the sophomore year and have a GPA of 3.5 or higher. If approved, students must fulfill all requirements for the degree using their approved Independent Scholar plan as their major course of study. Independent Scholar proposals will be evaluated in light of feasibility, academic disciplinary integrity, and demonstrated ability of the student. A successful proposal must articulate a fully developed program of study, must include a methods course, and must demonstrate compellingly that the student's academic goals cannot be met through existing majors.

Application process: To be designated an Independent Scholar, a student must undergo a rigorous approval process overseen by the Curriculum Committee. The process begins with an interview with the dean of curriculum. The student must subsequently prepare and submit a well-defined program to the Curriculum Committee, covering a description of the aim of the program, the independent work, and the courses he or she proposes to comprise the major. The proposal must be accompanied by a written endorsement of a faculty member who is willing and qualified to supervise the student, as well as a statement of support from an alternate faculty member. The Curriculum Committee will review all submitted materials, and if warranted, convene a meeting with the candidate and advisers. Final approval rests with the Curriculum Committee. An applicant whose proposal is denied is entitled to meet with the dean of curriculum or the Curriculum Committee.

Oversight: The Curriculum Committee will solicit updates from each Independent Scholar twice a year. Changes to the program must also be submitted to the Curriculum Committee, and the faculty supervisor will cosign all registration materials. The Major Declaration Form and Degree Audit Forms will be signed by both the faculty adviser and dean of curriculum. Students who elect to withdraw from the Independent Scholar Program, or who have their independent scholar status withdrawn, may be allowed, at the discretion of the committee, to graduate in general studies, without a formal major in any department.

Senior work: The INDE 0800 is a culminating experience for this program of study. This project brings together the course work the student has completed and incorporates all aspects of the study into one final project. Students applying to be independent scholars are asked to provide an indication of possible INDE 0800 projects at the time that they submit their proposals. Students are able, however, to change the topic of their INDE 0800 project in order to respond to new interests and information acquired during the course of their study.

The INDE 0800 project is undertaken for one or two terms. Students who wish to be considered for honors must work with a thesis committee. Thesis work most typically follows the

procedures for the department most closely related to the project. Others may choose to work with an individual faculty member, usually the student's adviser. The choice of senior project is flexible. For example, with permission from the adviser, a student in the performing arts might want to incorporate a dance performance, musical composition, or some other feature as part of his or her course of study.

Honors: In order to be considered for honors, independent scholars normally must meet two criteria: a minimum average of B+ in courses taken towards the major and a minimum grade of B+ on the senior work component. The Registrar's Office oversees the first requirement and will inform the adviser of the student's eligibility. The senior work component must be evaluated by a committee of three faculty members (one of whom, at the adviser's request, may be a faculty member on the Curriculum Committee). Minimum thesis grades for each level of honors are B+ (Honors), A- (High Honors), and A (Highest Honors), but the determination of the appropriate level will be made by the thesis committee.

For more information about this program, contact Emily Proctor, Dean of Curriculum.

↑ Top

Interdepartmental Courses

INTD 0120 Introduction to Business and Enterprise (Fall 2017)

This course provides students who have little to no background in business with a broad overview of business and enterprise in the economy. Students will learn about types of enterprises and a functional framework for understanding a business, including strategy, finance, production, and marketing. This framework will be used to analyze various businesses and non-profits, exploring the advantages and disadvantages of various structures. The course will give overviews of accounting and entrepreneurship, and explore policy and philosophical debates about the morality of for-profit business and the need for corporate responsibility. 3 hrs. lect. **SOC** *(A. Biswas, D. Colander)*

INTD 0125 Introduction to Mindfulness (Fall 2017)

Students will learn and intensively practice, basic sitting and walking meditation. We will use the breath to foster relaxed attention and to gain perspective on our restless minds. Emphasis will be on using these techniques in daily life and academic endeavors. We will read texts from the contemporary American, Tibetan, and Zen Buddhist traditions, although meditation will be employed in nonsectarian fashion applicable to any belief system. Students will reflect on their learning through papers and presentations. No meditation experience necessary. (Not open to students who have taken FYSE1393 or INTD1125) 6 hrs. lect/lab **AAL**, **NOA**, **PHL**, **WTR** *(J. Huddleston)*

Cross-listed as: EDST 0125

INTD 0130 Business Ethics (Spring 2018)

Capitalism and competitive markets are often considered the most efficient system of simultaneously maximizing private wealth and public good. In the real world, however, truly competitive markets do not exist. Imperfect markets have been made to work efficiently while protecting public good through systems of public intervention, i.e., laws and regulations, and voluntary self-restraint by business organizations in response to societal expectations. In this class, we will consider the role of ethics in business, with students analyzing the process by which ethical norms and strongly held moral beliefs guide the conduct of economically driven business organizations. Students will reflect on business managers' responsibility to their owners, i.e., shareholders, other stakeholders, and society-at-large. 3 hrs. lect./dsc *(T. Nguyen)*

INTD 0207 Intercultural Rhetoric Lab (Spring 2018)

What are the tensions inherent in intercultural communication, and what happens when intercultural interactions involve persuasion and influence? In this course connecting Middlebury College and MIIS students, we will create an inquiry space to investigate, and develop the practice of, intercultural listening and speaking. Class sessions will introduce rhetorical and multimodal techniques designed to help students negotiate power differences, deliberate collaboratively, and observe and question empathetically. Students will work together to create digital artifacts and live events that demonstrate their developing capacities as ethical communicators and agents of change. 3 hrs. lect. **CMP**, **SOC** *(D. Yeaton, N. Avineri)*

Cross-listed as: WRPR 0207 *

INTD 0210 Sophomore Seminar in the Liberal Arts (Fall 2017, Spring 2018)

This course is designed for sophomores who are interested in exploring the meaning and the purpose of a liberal arts education. To frame this investigation, we will use the question "What is the good life and how shall I live it?" Through an interdisciplinary and multicultural array of readings and films we will engage our course question through intellectual discussion, written reflection, and personal practice. There will be significant opportunities for public speaking and oral presentation, as well as regular writing assignments, including a formal poster presentation. Readings will include reflections on a liberal arts education in the U.S. (Emerson, Brann, Nussbaum, Oakeshott, Ladsen-Billings, bell hooks); on "the good life" (excerpts from Aristotle, sacred texts of different traditions); on social science analyses of contemporary life; texts on the neuroscience of happiness; as well as literary and cinematic representations of lives well-lived. **CMP**, **CW** *(Fall 2017: J. Miller-Lane, D. Evans, H. Young; Spring 2018: J. Berg, M. Wells, J. Miller-Lane)*

Cross-listed as: EDST 0210

INTD 0215 3D Computer Animation (Fall 2017)

3D computer animation has revolutionized animation, graphics, and special effects. In this course students will explore basic 3D modeling techniques, virtual material and texture creation, digital lighting, rendering, and animation. Every workshop will be hands on and fully immersed in this rapidly evolving technology. Students will leave with a strong conceptual understanding of the 3D graphics pipeline, a fundamental 3D skill set, options for further study, and an independent final animation project. 3 hrs. workshop **ART** *(D. Houghton)*

Cross-listed as: FMMC 0215

INTD 0221 Creating New Enterprises To Solve Significant Problems: For-Profit and Social Entrepreneurship (Fall 2017)

In this class students will explore how entrepreneurial innovators solve significant problems by creating new enterprises, and how these new organizations impact our society. In today's society, entrepreneurship seems ubiquitous. At times, it appears that entrepreneurs can do no wrong. At other times, they are depicted as over-optimistic fools. Such polar characterizations may sell magazines, but they do not capture what entrepreneurship is, which involves a more complex and interesting story— in both for-profit and social entrepreneurship environments. Students will explore entrepreneurship in depth with the goal of penetrating the popular veneer and uncovering the essence of starting and growing new enterprises designed to solve significant societal problems. *(E. Parizeau, D. Colander)*

INTD 0257 Global Health (Fall 2017)

This course provides an introductory survey of the basic issues and initiatives in contemporary global public health, demonstrating the inextricability of public health problems from the social, cultural, economic, political, and environmental issues that exist in an era of globalization. Examining these connections will enable us to critically evaluate the goals and strategies of public health interventions, and discuss factors impacting their success or failure. To do this, we must also examine the lens through which the West views public health problems as they relate to our cultural beliefs, biomedical views of health, sense of justice, and strategic interests. (Not open to students who have taken SOAN 0267) 3 hrs. lect./disc. **AAL**, **CMP**, **SOC** *(P. Berenbaum)*

Cross-listed as: SOAN 0267 *

INTD 0280 Middlebury's Foodprint: Introduction to Food Systems Issues (Fall 2017)

Food systems encompass all activities, people and institutions determining movement of food from input supply and production (on land and water) through waste management. The dominant U.S. food system is responsible at least in part for some of the nation's most troubling environmental and health challenges. What do we eat at Middlebury? What difference does it make? How do we know? We'll read Chase & Grubinger's *Food, Farms, and Community: Exploring Food Systems* (2015), then dive into examining impacts of how Middlebury sources and consumes its food, and disposes of food waste. (BIOL 0140 recommended) 3 hrs. lect./disc. **SOC** *(M. Anderson)*

INTD 0281 Food, Power, & Justice (Spring 2018)

Students in this course will learn to analyze power and justice in relation to the food system. We will explore cases in which groups of people are experiencing injustice in opportunities to make a living through food production or other food system activities, inequitable access to food and resources, inequitable health outcomes related to diet (e.g., diabetes, obesity), and silencing or lack of political participation. Students will investigate organizations of their choice that are working to remedy inequitable power relations in the food system, and will present their findings to the rest of the class. **SOC** *(M. Anderson)*

INTD 0298 Privilege and Poverty: The Ethics of Economic Inequality (Fall 2017)

In this course we will study the ethical implications of domestic and global economic inequality. Drawing from history, economics, sociology, philosophy, theology, and other disciplines, we will examine the causes and consequences of inequality, critically evaluate our usage of the terms “privilege” and “poverty,” and consider the range of moral responses individuals and society might have to inequality. We will ask whether it is unfair, unfortunate, or necessary that some citizens live with significantly less material wealth than others, and whether those who experience “privilege” have any moral responsibility to those who exist in “poverty.” **PHL**, **SOC** *(J. Davis)*

Cross-listed as: RELI 0298 *

INTD 0312 Food Policy (Spring 2018)

Food policy is about how decisions are made in the food system, affecting who eats what, who grows food and how. In this course, we will investigate important current topics in food policy, such as issues under consideration by the U.S. Congress (e,g., the Farm Bill, Child Nutrition Reauthorization); the United Nations; or other organizations. Using a range of readings and academic background sources on food policy, students will debate contentious issues affected by policy (antibiotic resistance due to livestock feeding practices, incentives for healthy eating, limits on concentration in agribusiness, food safety rules, etc.). (Approval Required) 3 hrs. sem. *(M. Anderson)*

INTD 0316 Accounting, Budgeting, and the Liberal Arts (Fall 2017)

Accounting is the lingua franca of commercial and financial activity, and applies equally to corporations, non-profits, and governments. In this course we will learn the basic concepts and standards underlying the accounting language including: revenue recognition, inventory, long-lived assets, present value, long-term liabilities, and financial statements. We then turn to the application and use of accounting information in forecasting, operating, and measuring an enterprise. These managerial accounting concepts are used to develop budgets and evaluate results. Our understanding of accounting and financial statements is needed to understand how business interrelates with society, and to answer a range of economic questions such as new product profitability, how to measure and motivate staff and predicting whether Chicago will follow Detroit into bankruptcy. There will be a significant project to apply the concepts and tools we have developed. Professor David Colander will be assisting with the class, giving occasional lectures, and connecting the class to broad liberal arts themes. 3 hrs. lect., 1 hr. lab *(M. Schozer)*

INTD 0317 Introduction to Finance (Spring 2018)

In this introductory survey course we will cover the role of finance in society, the basic workings of the financial system, how funds are allocated within the economy, and how institutions raise money. We will cover a range of topics, including: interest rates and the time value of money; uncertainty and the trade-off between risk and return; security market efficiency; stocks, bonds and optimal capital structure; financing decisions and capital budgeting; sovereign risk; foreign currencies; derivatives markets; and concerns about the role of finance in society. The course will include discussions of current news events in global markets. Recommended: INTD 0316. Students who have not taken INTD 316 will be required to demonstrate basic proficiency in accounting. 3 hrs. lect/lab *(M. Schozer)*

INTD 0319 Investment Management (Fall 2017)

In this course we will build on knowledge of accounting and finance and apply that knowledge to investment analysis, asset allocation, portfolio management, and capital markets and risk analysis. Designed to provide the basic concepts and principles of investing, the course examines investment theory and practice for investing a portfolio and evaluating its performance. We will discuss both traditional and non-traditional investments. Topics include securities markets, risk and return, capital asset pricing model (CAPM) and diversification, portfolio theory, private equity, valuation of equity, valuation of fixed-income securities, options and futures markets. Professor David Colander will be assisting with the class, giving occasional lectures, and connecting the class to broad liberal arts themes. (INTD 0316 and INTD 0317, or instructor approval) 3 hrs. lect./disc. *(T. Nguyen)*

INTD 0320 Capital Markets (Spring 2018)

This course surveys and analyzes the instruments traded in modern asset markets, the mechanisms that facilitate their trading and issuance, as well as, the motivations of issuers and investors across different asset classes. The course will balance functional and institutional perspectives by highlighting the problems market participants are seeking to solve, as well as the existing asset markets that have arisen to accomplish these goals. We will consider the nature of structure of asset markets, and the design, issuance, and pricing of financial instruments, focusing on how arbitrage strategies keep their prices in-line with one another. Recommended: INTD 316, INTD 317. Students who have not taken INTD 316 and INTD 317 will be required to demonstrate basic proficiency in accounting and introductory finance. 3 hrs. lect./disc *(F. Van Gansbeke)*

INTD 0426 Health, Food, and Poverty: Critical Frameworks for Social Change (Spring 2018)

Concerns around food, health, and poverty often intersect around the world, and pose shared challenges for countries in how to address them. What frameworks might maximize social impact in addressing such complicated global concerns? In this capstone course for students interested in privilege and poverty, global health, and food studies, we will critically examine a variety of frameworks for social impact, including solidarity, responsibility, development, aid, and entrepreneurship. Our examination of these frameworks will necessarily involve critical comparisons among the countries in which they have been employed. We will identify goals, strategies, and assumptions within each framework, as well as our role in social transformation in conjunction with other actors. Students will engage in interdisciplinary theoretical analysis and employ one or more frameworks to develop a proposal for a project on social change. (By approval only.) 3 hrs. Sem *(Comparative Politics)/* **CMP**, **SOC** *(J. Teets, P. Berenbaum)*

Cross-listed as: PSCI 0426 *

INTD 0480 Hunger, Food Security, & Food Sovereignty (Fall 2017)

Why have no countries—including the U.S.—been able to ensure universal food security, even though more than enough food is produced for everyone? To examine this question, we will analyze historical famines, the "food price crisis" of 2008, and debates about how to address hunger and food insecurity including calls for food sovereignty. We will read Julian Cribb's *The Coming Famine* as well as other sources. Students will select international or domestic food security as their emphasis, and examine an organization trying to tackle hunger and food insecurity. This course is open to juniors and seniors. 3 hrs. sem. **SOC** *(M. Anderson)*

INTD 0500 Independent Study (Fall 2017, Spring 2018)

Fall 2017

Sections A, D, E, G, H
Independent Study
Approval Required

Section C
Animation Studio
Animation Studio is a real-world production studio in which students collaborate on the key roles in the animation production process. Under the guidance of the studio director and a faculty member, students will contribute to the creation of short films, scientific illustrations, historical recreations, and other projects. All work is done in the studio and students commit to nine hours per week. (Approval Required) *(D. Houghton)*

Spring 2018

Sections A, D, E, L
Independent Study
Approval Required

Section C
Animation Studio
Animation Studio is a real-world production studio in which students collaborate on the key roles in the animation production process. Under the guidance of the studio director and a faculty member, students will contribute to the creation of short films, scientific illustrations, historical recreations, and other projects. All work is done in the studio and students commit to nine hours per week. (Approval Required) *(D. Houghton)*

↑ Top

Program in International & Global Studies

International and Global Studies Requirements

General Requirements: A major must specialize in one of seven regional tracks: African Studies, East Asian Studies, European Studies, Latin American Studies, Middle East Studies, Russian and East European Studies, or South Asian Studies. IGS majors may not double-count any required language course towards their regional specialization.

Regardless of their track, all majors must complete: IGST 0101, five regional courses; and three global courses (from an existing list). Students must also study one of the non-English languages taught at Middlebury; study abroad for at least one semester; complete at least one advanced level language course upon return from abroad; and take a 0400 level senior seminar in IGS or in a different department, so long as the seminar is thematic and either regional or global.

Minors: There is no IGS minor. However, IGS majors are strongly encouraged to minor in any department or program that offers a minor and can accommodate them, so long as they do not double-count any course. Students wishing to minor in the department that teaches the IGS language of their focus should discuss their minor with the IGS director. For departments that do not offer a minor, students should consult the IGS or track director.

Specific Requirements: All IGS majors are required to take IGST 0101, and are expected to do so before studying abroad. IGST 0101 is not open to seniors except for those who declared the major as sophomores and spent the fall semester of their junior year abroad. Students who declare their major as a sophomorebut have not taken IGST 0101, and plan to study abroad for only one semestermust take it in the fall of their junior year prior to going abroad.

Language Study: Students must become proficient in one of the languages that Middlebury College teaches. Individual language departments determine what level of study constitutes proficiency, and students are expected to do advanced work in their target language. All majors must take at least one advanced course in the language of study upon returning from abroad and are encouraged to take more than one. The only exception to this language requirement is South Asian Studies majors: these students must study a language when abroad, but are not expected to achieve language proficiency or complete an advanced language course once they return. Instead, SAS majors must take one additional regional or global course.

Language Study for East Asian Studies: Students who already have native proficiency in Chinese must fulfill the language requirements for Japanese. Students who already have native proficiency in Japanese must fulfill the language requirements for Chinese. The Chairs of the Chinese and Japanese Studies departments or their designees determine what constitutes native proficiency by evaluating students individually through interviews or tests.

Note: for EAS majors whose language is Chinese, the language requirement is: (1) CHNS 0101-CHNS 0202 (strongly encouraged to attend Middlebury Chinese Summer School, or take CHNS 0301/0302); (2) one semester at one of the three Middlebury CV Starr Schools Abroad in China; and (3) any two of the following: CHNS 0411, 0412, 0426, OR 0475 upon return from study abroad in China.

Language Study for Latin American Studies: Students who place into Spanish 0220 or above must take at least two semesters of Portuguese (0210 and above) to fulfill the language requirement. Students who place into Portuguese 0215 or above must take at least two semesters of Spanish (0105 and above) to fulfill the language requirement.

Regional Specialization: IGS majors must take five courses that correspond to their regional track, in at least three departments and at least two divisions (students must consult with their advisors about the divisional requirement). At least three regional courses must be taken at Middlebury. For East Asian Studies majors, at least three of the regional courses should be exclusively or primarily on the country that is the focus of language study, and at least one should be on East Asia as a region orthe East Asian country that is not the focus of language study.

Global Courses: Students are required to take three global courses (from an existing list); only one can be at the 0100 level and none at the 0400 level. These global courses are thematic, trans-regional, and comparative, and will be selected in consultation with the advisor. Except for students who study abroad an entire year (see below), these courses must be taken on the Middlebury College campus.

Study Abroad: Students must study abroad for at least one semester (and preferably two) on a Middlebury-approved study abroad program in their region of focus. Study abroad must be in the language of study at Middlebury. Students who study abroad for one semesterand those who go abroad for the whole year but spend only one semester in their region of concentrationmay count one regional course, pending approval of the track director. Students who study abroad for a year in the same country or in the same regionmay count up to two regional courses, pending approval of the track director, and may also count one global course pending approval of the IGS director. Students should share the syllabi for all courses they wish to count with the track or program director respectively.

Advanced Placement: Advanced Placement credit will not count toward the major.

Senior Program: The senior program consists of: (1) a senior IGST seminar or a 400-level departmental senior seminar (in the Humanities or Social Sciences) that is thematic, and regional or global; and (2) an upper-level course, preferably two, in the language of emphasis after returning from abroad. South Asian Studies majors do not take an upper-level language course, but rather, one additional regional or global course. The language departments will determine which courses fulfill this requirement, in consultation with the program director.**Note: because some departmental senior seminars have prerequisites, students who hope to enroll in these courses should plan ahead accordingly.**

Honors: Students who seek to graduate with Honors may elect to write a two-term senior honors thesis. Students are eligible to write an honors thesis if they have a 3.5 GPA or better in all courses that count for the major. These include all language courses, all regional courses, all global courses, all courses taken abroad, and all courses with an IGST designation. Thesis grades do not count in the calculation of the GPA for honors. Thesis guidelines and procedures can be found atgo/igsthesis.

Honors are awarded to students with a GPA of 3.5 and a thesis grade of B+; high honors to students with a GPA of 3.7 and a thesis grade of A- or A; and highest honors to students with a GPA of 3.8 and a thesis grade of A.

Seniors wishing to pursue an independent research project within IGS (either in their own or another track) should register for IGST 0700.

Winter Term Course: Students may count up to one winter term course taken at Middlebury towards the regional requirements, pending approval of the track director. Students wishing to count a winter term course must provide the track director with a copy of the course syllabus.

Area Specializations

African Studies
Language/Culture: Language competency in French or Swahili; satisfactory completion of at least one advanced French course or one independent study in Swahili upon students return from abroad. If French is the language of emphasis, students must study an appropriate indigenous African language to a level of reasonable competence while abroad. The French Department will specify which courses fulfill the French requirement. The African Studies director will specify which courses fulfill the Swahili requirement.

Regional Specialization: See Courses and Requirements above.

Study Abroad: See Courses and Requirements above.

Senior Program: See Courses and Requirements above.

East Asian Studies
Language/Culture: Satisfactory completion of advanced work in either Chinese or Japanese. The Chinese and Japanese departments will specify which courses fulfill this requirement. Students who already have native or near-native proficiency in Japanese must fulfill the language requirements for Chinese, while students who already have native or near-native proficiency in Chinese must fulfill the language requirements for Japanese.

Regional Specialization: See Courses and Requirements above.

Study Abroad: See Courses and Requirements above.

Senior Program: See Courses and Requirements above.

European Studies
Language/Culture: Satisfactory completion of at least one advanced course taught in the language of emphasis (French, German, Italian, or Spanish). Individual departments will specify which courses fulfill these requirements.

Regional Specialization: See Courses and Requirements above.

Study Abroad: See Courses and Requirements above.

Senior Program: See Courses and Requirements above.

Latin American Studies
Language/Culture: Satisfactory completion of advanced work in either Portuguese or Spanish. Students who place into Spanish 0220 or above must take at least two semesters of Portuguese (0210 and above) to fulfill the language requirement. Students who place into Portuguese 0215 or above must take at least two semesters of Spanish (0105 and above) to fulfill the language

requirement.

Regional Specialization: See Courses and Requirements above.

Study Abroad: See Courses and Requirements above.

Senior Program: See Courses and Requirements above.

Middle East Studies
Language/Culture: Successful completion of three years of Arabic or Modern Hebrew (or the equivalent as determined by the Arabic or Hebrew program). Students who choose Modern Hebrew must be willing to pursue language study beyond Middlebury, if the Colleges Hebrew program is unable to offer a full range of advanced courses.

Regional Specialization: See Courses and Requirements above.

Study Abroad: See Courses and Requirements above.

Senior Program: See Courses and Requirements above.

Russian and East European Studies
Language/Culture: Satisfactory completion of at least second- and preferably third-level Russian or the Russian School equivalent.

Regional Specialization: See Courses and Requirements above.

Study Abroad: See Courses and Requirements above.

Senior Program: See Courses and Requirements above.

South Asian Studies
Language/Culture: Students must pursue a formal course of study of a South Asian language while abroad.

Regional Specialization: See Courses and Requirements above.

Study Abroad: See Courses and Requirements above.

Senior Program: See Courses and Requirements above. Note: because Middlebury does not currently offer a South Asian language, students are not required to take an additional language course on their return from South Asia; instead, they must take one additional regional or global course.

IGST 0101 Introduction to International and Global Studies (Fall 2017)

This is the core course of the International and Global Studies major. It is an introduction to key international issues and problems that will likely feature prominently in their courses at Middlebury and study abroad. Issues covered will differ from year to year, but they may include war, globalization, immigration, racism, imperialism, nationalism, world organizations, non-governmental organizations, the European Union, the rise of East Asia, politics and society in Latin America, and anti-Americanism. 3 hrs. lect./disc. **CMP** *(G. Herb, D. Wyatt)*

IGST 0428 Dictators and Democrats (Spring 2018)

In this course we will explore the processes through which charismatic individuals create, use, transform, or circumvent state institutions to seize and maintain political power. We will examine individual, national, and international factors that propel dictators and democrats to leadership positions. We will also look at the historical context and personal circumstances leading to leaders' demise, sometimes resulting in regime change. Cases from Africa, America, Asia, and Europe will help students describe, classify, explain, and predict leadership outcomes *(Comparative Politics)* 3 hrs. Sem. **CMP**, **CW** (5 seats), **SOC** *(N. Horning)*

Cross-listed as: PSCI 0428

IGST 0436 Terrorism (Fall 2017)

Terrorism, the act of violent resistance against real or perceived oppression, has taken on new dimensions in an age dominated by mass media and technology. Can we make reliable distinctions between terrorism, anarchism, guerrilla warfare and random mass murder? What are the political, social, and cultural conditions that favor terrorism? What makes an individual a terrorist? How have governments coped with terrorist movements? What is "state terrorism"? Looking at terrorist movements across the globe, as well as the historical evolution of terrorism, this course will examine explanations for this disintegrative phenomenon given by social scientists, historians, writers, and filmmakers. This course is equivalent to GEOG 0436. 3 hrs. sem. *(T. Mayer)*

Cross-listed as: GEOG 0436

IGST 0460 Global Consumptions: Food, Eating, and Power in Comparative Perspective (Spring 2018)

Using interdisciplinary approaches, we will examine the practices and politics of food and eating in a range of regions. Food sustains not only bodies, but national, ethnic, and social identities as well. Notions of time and space, order and transgression, nature and culture have long affected what people eat and how they do it. How does eating, this most basic and universal of human practices, both reflect difference and create it? How are food systems, symbolic and "real," linked to national and international politics: Finally, how are contemporary food practices influenced by "modernization" and "globalization"? We will consider these and other questions as they apply to Asia, Europe, Africa, Latin America, and the United States in the second half of the twentieth century. 3 hrs. sem. *(E. Oxfeld)*

Cross-listed as: SOAN 0460 *

IGST 0483 The Rise of Asia and US Policy (Fall 2017)

In this course we will study what is arguably the most important strategic development of the 21st century: how the rise of Asia presents security challenges to the region and the United States. Drawing from international relations scholarship, the course will focus on foreign policy challenges and potential responses. These challenges include both traditional security and nontraditional areas such as water and the environment. We will integrate the analysis of these issues in South, East, and Southeast Asia with study of the policy process, in part through simulations and role-playing exercises. This course is equivalent to PSCI 0483. 3 hrs. sem. **AAL**, **CMP**, **NOA**, **SOC** *(O. Lewis, J. Lunstead)*

Cross-listed as: PSCI 0483

IGST 0484 The Political Economy of Regionalism (Fall 2017)

In this course we will address the political economy of regionalism in a variety of national and regional contexts. We will consider both integration projects—such as the European Union and South America's Mercosur—as well as subnational local autonomy movements, such as those in Catalonia and Scotland. We will study theories of integration as well as case studies from Europe, Latin America, Asia, and Africa, focusing on the political and economic forces driving both integration and disintegration in their historical and contemporary contexts. We will also consider how globalization affects regional integration projects. *(Comparative Politics)* 3 hrs. sem. **AAL**, **CMP**, **SOC** *(J. Cason)*

Cross-listed as: PSCI 0484

IGST 0500 East Asian Studies Independent Project (Fall 2017, Spring 2018)

(Approval Required)

IGST 0501 Latin American Studies Independent Project (Fall 2017, Spring 2018)

(Approval Required)

IGST 0502 Middle East Studies Independent Project (Fall 2017, Spring 2018)

(Approval Required)

IGST 0503 African Studies Independent Project (Fall 2017, Spring 2018)

(Approval Required) *(Fall 2017: M. Sheridan, E. Gebarowski-Shafer)*

IGST 0504 South Asian Studies Independent Project (Fall 2017, Spring 2018)

(Approval Required)

IGST 0505 European Studies Independent Project (Fall 2017, Spring 2018)

(Approval Required)

IGST 0506 REES Independent Project (Spring 2018)

(K. Moss)

IGST 0700 Senior Work (Fall 2017, Spring 2018)

(Approval Required)

IGST 0701 Russian and East European Studies Senior Thesis (Fall 2017, Spring 2018)

(Approval Required)

IGST 0702 European Studies Senior Thesis (Fall 2017, Spring 2018)

(Approval Required)

IGST 0703 Latin American Studies Senior Thesis (Fall 2017, Spring 2018)

(Approval Required)

IGST 0704 East Asian Studies Senior Thesis (Fall 2017, Spring 2018)

(Approval Required)

IGST 0705 African Studies Senior Thesis (Fall 2017, Spring 2018)

(Approval Required)

IGST 0706 Middle East Studies Senior Thesis (Fall 2017, Spring 2018)

(Approval Required)

IGST 0707 South Asian Studies Senior Thesis (Fall 2017, Spring 2018)

(Approval Required)

↑ Top

Program in International Politics and Economics

(1)***Courses in Political Science:***PSCI 0103, PSCI 0109, PSCI 0304 and three electives in comparative politics or international relations. At least one elective should be a 0400-level senior seminar in comparative politics or international relations. See IP&E website for a list of eligible electives. PSCI 0304 must be taken at Middlebury College. Majors are encouraged to take ECON 0240 prior to PSCI 0304.
(2)***Courses in Economics:*** ECON 0150, ECON 0155, ECON 0210, ECON 0240 and two electives with an international orientation. One elective should be a 0400-level senior seminar. See IP&E website for a list of eligible electives. Majors must take a minimum of five courses in economics, regardless of credits earned at the secondary level (see the Advanced Placement policy for detailed information); at least four economics courses meeting the major requirements must be taken at Middlebury College, including the 0400-level seminar. Majors are encouraged to take ECON 0240 prior to PSCI 0304. Majors are strongly encouraged to take ECON 210 prior to any 400-level seminars.
(3)***Language Study:***Majors must achieve the language department's standard of linguistic competence before going abroad or must demonstrate equivalent competence in a language taught at Middlebury College through a language placement exam. Foreign language study while at Middlebury College is strongly encouraged.
(4)***Term or Year Abroad:***Under normal circumstances, this will be completed at one of the Middlebury schools abroad. Majors should complete PSCI 0103, PSCI 0109, ECON 0150, ECON 0155, and ECON 0210 before going abroad. Majors are encouraged, but not required, to take ECON 0240 and PS 0304 before studying abroad.

Advanced Placement: Students must take a minimum of 5 courses in each discipline. See the Advanced Placement policy for detailed information.
Winter Term Courses*:*Winter Term courses count towards the major only if they are listed on the IPEC Courses web page prior to winter term registration. No more than one Winter Term elective in economics and no more than one Winter Term elective in political science may count toward the major.

Double Majors and Minors*:* Because of the complex and interdisciplinary nature of the International Politics & Economics major, IPEC students are strongly advised not to pursue an additional major. In addition, IPEC majors may not minor in either economics or political science and may not major or minor in their primary language of focus.

Declaring a Major: To declare a major, students need to fill out both a major declaration form and an advising wizard form. Discuss your plan for completing the major (outlined on the advising wizard form) with your advisor who can be from either the political science or economics department. Have both your advisor and the Director of International Politics & Economics sign the major declaration form. Turn in one copy of *both forms* to the coordinator of International Politics & Economics. Turn in one copy of the *major declaration form* to the Registrar's Office.
First semester of senior year: Early in the first semester of your senior year, fill out both a degree audit sheet and an advising wizard form. Print out a copy of your unofficial transcript and evidence that any courses from abroad have been approved for IPEC major credit (such as an email approval from a chair or director, or information from the programs abroad office).

Bring these items to the Director of International Politics & Economics no later than a week before registration for classes for your final semester. Once signed, turn in one copy of the *advising wizard form* and the *degree audit sheet* to the coordinator of International Politics & Economics. Turn in one copy of the *degree audit sheet* to the Registrar's Office.
Honors:In addition to their 12 required courses, qualifying students can choose to write a senior thesis. To launch a thesis project, students must obtain a thesis advisor in both political science and economics, and submit to their advisors a thesis prospectus for formal approval. To identify suitable thesis topics, it is highly recommended that IPEC thesis candidates begin consulting with the potential advisors during their junior year. For details, deadlines, and a timetable, see the Honors Thesis page.
Honors Thesis Requirements*:*The determination of honors, high honors, and highest honors is based on (1) the level of the grade achieved on the thesis; and (2) the level of the average grade received in all Middlebury College courses that count toward the IPEC major. Honors candidates must have an IPEC course average of 3.3 and a thesis grade of B+ to attain honors; an IPEC course average of at least 3.5 and a thesis grade of A- to attain high honors; and an IPEC course average of at least 3.7 and a thesis grade of A to attain highest honors. Note: Thesis grades do not count in the calculation of the GPA for honors, and a thesis cannot be pursued as a fifth course during any term.

IPEC 0500 Independent Project (Fall 2017, Spring 2018)

(Approval Required)

IPEC 0700 Senior Thesis (Fall 2017, Spring 2018)

(Approval Required) *(J. Cason, O. Eglene, E. Bleich, T. Byker, D. Horlacher, N. Horning, O. Lewis, W. Pyle, J. Maluccio, S. Stroup, A. Stanger, M. Williams, A. Yuen)*

↑ Top

Department of Italian

Our programs offer students the opportunity to achieve high competence in written and spoken Italian, in understanding Italian literature and culture, and in applying this linguistic, literary, and cultural knowledge to the study of other disciplines. During the academic year our program emphasizes the study of literature and culture in the context of language acquisition. The other integral components of Italian at Middlebury are the Italian School (summer on the Middlebury College campus or at our satellite campus at Mills College, in Oakland, California), and the C. V. Starr-Middlebury College School in Italy (junior year or semester), where students can take courses in our magnificent Sede in Florence (in the Renaissance Palazzo Giugni), or can direct-enroll in our programs at the University of Firenze, the University of Ferrara, or the University of Rome, La Sapienza. These rich programs encourage students to deepen and broaden their study of Italian literature, cinema, history, art history, political science, and many other disciplines. During the academic year in Middlebury, all four levels of courses in Italian are available every semester, and for qualified students faculty members are also available to direct independent research projects (ITAL 0550).

Major in Italian: For a full or double major in Italian, students must complete nine credits beyond ITAL 0103, including senior work: two courses at the 0400 level, but only one 0400 course for students who spend a whole year in Italy (Please note: ITAL 0101, 0102, and 0103 do not count for the major). Majors are normally expected to study at least one semester at the C.V. Starr-Middlebury College School in Italy (Florence), or at the Universities of Firenze, Ferrara or Rome, and upon their return from Italy they must normally take an Italian course each semester. A student can complete a major with courses at the Italian School in the summer. No more than three credits per semester from Study Abroad in Italy are applicable to the major.One credit towards the Major can be fulfilled by successfully taking a course in English with an approved section in Italian (History of the Italian Language; Italian Cinema; Italy Through Sicily).

Joint Major in Italian: For the joint major in Italian, students must complete seven credits beginning with ITAL 0251, including one course at the 0400 level. Students must also complete a joint project credited in either of the two disciplines, as well as fulfill the requirements in the second discipline. Students are normally expected to complete one semester at either the C.V. Starr-Middlebury College School in Florence, the University of Firenze, the University of Ferrara, or the University of Rome, La Sapienza. No more than three credits per semester from coursework in Italy are applicable to the Italian part of the major.

***International and Global Studies Major with Italian (European Studies Track)*:** Along with other required courses and senior work as described in the International and Global Studies major section, the Italian language component of an International and Global Studies major requires completion of the following: 1) Italian courses required for study in Italy (see below); 2) one semester, and preferably a full year, at the C.V. Starr-Middlebury College School in Florence, the University of Ferrara, or the University of Rome; 3) at least one 0400-level course in Italian upon return from Italy. Regional specialization requirements for the International and Global Studies major may include ITAL 0290-level courses (in English) as well as 0300-level courses taught at Middlebury or in Italy.

Minor in Italian: The Italian minor consists of six courses: ITAL 0251, ITAL 0252 (or two courses counted from ITAL 3251-3252-3253 in the Italian Summer School) and four courses at the 0300-level or higher. Students entering the program with a standing beyond the ITAL 0252-level are required to take at least one 0400-level course as part of the Italian minor. All courses

at the 0300-level can be completed during the academic year at Middlebury, at the Italian School, or at one of the affiliated Middlebury programs in Italy (Florence, Ferrara, or Rome).
Senior Work:Students who major in Italian are required to complete a senior project (ITAL 0755).
Honors: To earn departmental honors, high honors*, or highest honors** a student must have at least a 3.6, 3.7*, or 3.8** average or above in Italian courses other than the senior project, have a project defense, and receive a grade of at least B+, A-*, or A** on the thesis (ITAL 0755).
Fulfilling The Middlebury College Writing Requirement: All Italian majors, joint majors, minors, and International and Global Studies majors with literature and culture focus in Italian are strongly encouraged to fulfill their college writing requirement by enrolling in CMLT 0101 Introduction to World Literature.
Requirements for Junior Year/Semester Abroad: The Italian language proficiency requirements for participation in study abroad in Italy can be completed with any combination of courses at the Middlebury campus (summer or academic year) that culminates with the successful completion of ITAL 0252 during the academic year or ITAL 3253 at the Summer School. Students must also have an overall academic average of at least B-, an average of B in Italian (or additional course work), and be enrolled in an Italian course the semester before departure. Because of the demanding and intensive nature of our programs in Middlebury, and because of the difficulty of finding equivalent programs in the United States or in Italy, we do not accept alternative programs for the fulfillment of study abroad requirements.
C.V. Starr-Middlebury School in Italy-Florence: Students may study for a semester or for a full year in Italy. Fall and spring term students enroll for language, literature, and civilization courses in September and January. For examples of recent courses, please refer to the course database: http://www.middlebury.edu/international/sa/cid. Students studying in Florence are also expected to enroll in at least two elective courses at the Universit degli Studi di Firenze. Subject areas generally offered there include archeology, philology, Italian literature, linguistics, international relations, political science, comparative politics, sociology, history, art history, and history of economics.
C.V. Starr-Middlebury School in Italy-Ferrara/Rome: Students who apply to the programs at the University of Ferrara or the University of Rome must contact the department chair to discuss their plans. Important: All students studying at the University of Ferrara or the University of Rome must take a literature course, in consultation with the department chair. Subject areas often offered include Italian literature, comparative literature, history, linguistics, philosophy, geography, art history, architecture, theater history, sociology, and international economics as well as other disciplines.

ITAL 0101 Beginning Italian (Fall 2017)

This course is an introduction to the Italian language that provides a foundation in both spoken and written Italian. Focus on the spoken language encourages rapid mastery of the basic structures and vocabulary of contemporary Italian. The exclusive use of Italian in dialogue situations and vocabulary building encourages the student to develop skills in a personalized context. Conversation and drill are stimulated and fostered through active reference to popular Italian music, authentic props, and slides of Italian everyday life and culture. Students are required to participate in the Italian table. 6 hrs. disc./perf.; 2 hrs. screen **LNG** *(I. Brancoli Busdraghi, M. Van Order, S. Mula, S. Carletti)*

ITAL 0103 Beginning Italian III (Spring 2018)

This course emphasizes increased control and proficiency in the language through audiovisual, conversational, and drill methods. Italian life and culture continue to be revealed through the use of realia. Short reading selections on contemporary Italy and discussions enlarge the student's view of Italian life and culture. Students continue to participate in the Italian table. (ITAL 0102 or equivalent) 6 hrs. disc./perf.; 2 hrs. screen. **LNG** *(I. Brancoli Busdraghi, M. Van Order)*

ITAL 0251 An Introduction to Contemporary Italy (Fall 2017)

Intended for students at the intermediate level, this course will afford the opportunity to expand conversation, writing, and reading skills while consolidating knowledge of the more difficult points of grammar. The contextual focus of the course is contemporary Italian culture, including contemporary history and politics, the economy, the division between North and South, immigration from developing countries, environmental issues, and popular music, among others. Italian films, music, and articles from newspapers and news magazines will enhance and complete the learning experience. (ITAL 0250, waiver, or equivalent) **EUR**, **LNG**, **SOC** *(I. Brancoli Busdraghi, M. Van Order)*

ITAL 0252 Italian Culture II: From the Sixties to the Present Day (Spring 2018)

To deepen the historical knowledge gained in ITAL 0251, we will discuss and analyze modern and contemporary Italian literature of various genres, as well as essays, art, and film. In the context of reading, critical viewing, textual analysis, and discussion, we will continue to develop both historical and linguistic competence. Discussion and the writing process, along with selected exercises, will continue to refine grammatical competence. (ITAL 0251) 3 hrs. lect./disc. **LIT**, **LNG** *(M. Van Order, S. Carletti)*

ITAL 0299 Literary Feasts: Representations of Food in Modern Narrative (in English) (Spring 2018)

This course will consider food and eating practices within specific cultural and historical contexts. We will analyze realistic, symbolic, religious, erotic, and political functions surrounding the preparation and consumption of food. Readings will be drawn from several national traditions, with a focus on Europe. Authors will include, among others, I. Dinesen, L. Esquivel, J. Harris, E. Hemingway, T. Lampedusa, P. Levi, C. Petrini, M. Pollan, E. Vittorini, and B. Yoshimoto. Viewing of several films where food and eating play an important role will supplement class discussion. **EUR**, **LIT** *(S. Carletti)*

Cross-listed as: CMLT 0299

ITAL 0354 Italian Identity through History, Literature, and Music (Fall 2017)

What does it mean to be “Italian”? What is “campanilismo”? What role do languages and dialects play, and how important is music, from Opera to contemporary songs, in the construction of Italian identity? This course acquaints students with the major 19th to 21st century debates on Italy and Italian Identity, and develops students' linguistic, critical, and analytical skills. readings will introduce literary genres within their historical framework. Special emphasis will be placed on the skill of writing in Italian. (ITAL 0252 or equivalent) 3 hrs. lect./disc., 2 hrs. screen. **EUR**, **LIT** *(S. Mula)*

ITAL 0356 A Culinary History of Italy (in Italian) (Spring 2018)

In this course we will examine the role of food in society by investigating the history of Italian cuisine and the ever-changing issues relating to food and foodways, through books, articles, films, and recipes. What did the Ancient Romans eat? What was Italian cuisine like before pasta and tomatoes? How did production and consumption change over time? Through such questions we will examine what culinary choices tell us about today’s Italy and how they are strictly intertwined with the search for a national identity. (Not open to students who have taken FYSE 1344 or ITAL 1003) 3 hrs. lect./disc. **EUR**, **HIS** *(I. Brancoli Busdraghi)*

ITAL 0459 Modern Italian Literature and Culture (Fall 2017)

This course will consider the works of Italian twentieth-century novelists and will explore the authors' narrative techniques within a larger discussion of the social context that their works reflect and interpret. Focusing on novels by Natalia Ginzburg, Carlo Levi, Carlo Collodi, Italo Calvino, we will discuss issues related to gender roles, family, education, class, and politics. Special attention will be devoted to each author's approach to the art of storytelling. Films inspired by some of the novels will supplement the readings. (ITAL 0355 or equivalent) 3 hrs. disc. **EUR**, **LIT** *(S. Mula)*

ITAL 0490 Dante in Italian (Spring 2018)

This course concentrates on a close reading of the whole of *Dante's Inferno*. Students will learn about the historical and literary context of the work, read excerpts from the Purgatorio and the Paradiso, get acquainted with the long tradition of Dante commentaries, and contribute twice a week to an on-line discussion on the weekly readings. After two short papers that will analyze specific aspects of a canto, students will prepare as a final project a Lectura Dantis: a detailed analysis of a canto of the Inferno that will include critical material. (ITAL 0355 or equivalent) 3 hrs. disc. **CW** (5 seats), **EUR**, **LIT** *(S. Mula)*

ITAL 0550 Independent Study (Fall 2017, Spring 2018)

Italian faculty as a group will consider and approve requests by qualified juniors and seniors to engage in independent work. Students must submit a prospectus that includes a bibliography of no less than five sources. Interested students should contact members of the Italian faculty before the end of the preceding term to discuss their project and to see if they are available to direct the Independent Study. Students must submit a prospectus with the department chair by the end of the first week of classesfor fall and spring term approvals, by the end the last week of fall semesterfor winter term approvals. Prior to submission, sufficient advance consultation with project directors is required.Junior students are strongly encouraged to consider independent study as preparation for senior honors thesis work. *(S. Carletti, S. Mula, M. Van Order, I. Brancoli Busdraghi)*

ITAL 0755 Senior Honors (Fall 2017, Spring 2018)

Students majoring in Italian must complete an independent senior project. Italian faculty as a group will consider and approve the proposals, which should be submitted before the last week of the preceding semester. The senior project will be advised by one member of the Italian department, but will be presented to the whole department. Italian honors will be awarded to eligible students depending on the final grade. (Staff)

↑ Top

Department of Japanese Studies

Required for the Major: The major requires students to achieve proficiency in Japanese language (four years or equivalent) and culture (four courses), to study abroad for at least one semester, and to complete a 0400-level seminar in the Japanese Studies department.
To meet the language proficiency requirement of four years of study (or equivalent), students are strongly encouraged to begin the study of Japanese in their first academic year. Students who begin study of Japanese in the sophomore year must attend the summer Japanese School before study abroad in Japan.
Courses fulfilling the four-course culture requirement are: JAPN 0110, JAPN 0175, JAPN 0198, JAPN 0210, JAPN 0212, JAPN 0215, JAPN 0217, JAPN 0230, JAPN 0237, JAPN 0245, JAPN 0250, JAPN 0260, JAPN 0262, andJAPN 0290and JAPN 0330.At least twoculture coursesfrom this listmust be taken before approval for study in Japan.
Studying in Japan for one semester (Fall or Spring) is required, but studying in Japan for the full junior year isstrongly encouraged.Elective courses taken in Japan, in addition to language courses, are strongly encouraged but will not substitute for the four required culturecourses to be taken at Middlebury.
Seniors are required to take at least one seminar in the Japanese Studies department at the 0400 level: JAPN 0435, JAPN 0450, JAPN 0451, or JAPN 0475.
Students are strongly encouraged to take courses on Japan offered abroad and on the Middlebury campus in History, Religion, History of Art and Architecture, or other departments. These additional courses allow students the opportunity to enhance Japanese language and culture study according to individual interests, but do not count towards the major.
Honors: Successful completion of one advanced language course and JAPN 0700 Senior Thesis with a grade of B+ or above are required for graduation with departmental honors. Departmental honors will be awarded according to the grade point average of courses taken in the department, in the summer Middlebury Japanese School, and in Japan. A grade point average of 3.3 in these courses is required for graduation with honors. A grade point average of 3.75 and a grade of A on the thesis are required for High Honors.
Required for the Minor: Courses required for the minor in Japanese are completion of language courses to the level of JAPN 0202, or the equivalent, and two additional courses offered by the Japanese Studies department in culture, literature, linguistics,or film. Courses fulfilling the two-course culture requirement are: JAPN 0110, JAPN 0175, JAPN 0198, JAPN 0210, JAPN 0212, JAPN 0215, JAPN 0217, JAPN 0230, JAPN 0237, JAPN 0245, JAPN 0250, JAPN 0260, JAPN 0262, andJAPN 0290and JAPN 0330.

Middlebury's Summer Language School: Intensive language courses are available each summer at Middlebury's Japanese School. During the eight-week session, students and faculty live in the same Japanese language dormitory, take their meals together, and communicate exclusively in Japanese, whether in the classroom or outside of class. For all students pursuing the study of Japanese language and culture, and especially prior to study abroad in Japan, a summer of concentrated study at the second-, third,- or fourth-year level in Middlebury's intensive Japanese School is strongly recommended. Students who are unable to begin the study of Japanese in their first year at Middlebury are strongly encouraged to begin or accelerate their study by taking a course in the intensive summer program.
Study in Japan: Majors in Japanese Studies are required to spendat least one semester studying abroad in Japan. The C.V. Starr-Middlebury School in Japan, located in Tokyo, offers

intensive language courses and topics courses in Japanese. Students have residential options in dormitories or in home-stays arranged by the program.
Language Technology and Resources: Japanese courses incorporate a variety of computer-driven teaching and learning strategies. Video and audio materials for first- and second-year levels are available on any computer, so that students can view and listen to authentic materials at any time in their dorm rooms or in labs. Japanese films, scripts, and anime in advanced-language courses are also available on the Web to students enrolled in those courses. Many Japanese literature and culture offerings are Web-based multimedia courses. Instructors often make use of conferencing and other electronic tools to extend learning beyond regular class hours. The Middlebury College Library contains an extensive collection of works in English on most aspects of Japan; in addition, there are 1,700 works in Japanese, with special strengths in literature and linguistics.

JAPN 0101 First-Year Japanese (Fall 2017)

This course is an introduction to the modern Japanese language aimed at acquisition of the four basic skills speaking, listening comprehension, reading, and writing. The emphasis is on thorough mastery of the basic structures of Japanese through intensive oral-aural practice and extensive use of audiovisual materials. The two kana syllabaries and kanji (characters) will be introduced toward the goals of developing reading skills and reinforcing grammar and vocabulary acquisition. 3 hrs. lect./3 hrs. drill **LNG** *(L. White)*

JAPN 0103 First-Year Japanese (Spring 2018)

This course is a continuation of the fall and winter terms with the introduction of more advanced grammatical structures, vocabulary, and characters. The continuing emphasis of the beginning Japanese course will be upon acquisition of well-balanced language skills based on an understanding of the actual use of the language in the Japanese sociocultural context. (JAPN 0101, JAPN 0102) 3 hrs. lect./3 hrs. drill **LNG** *(L. White)*

JAPN 0110 Current Social Issues in Japan (in English) (Fall 2017)

In this course we will use ethnography, fiction, and historical studies to examine some of the underlying themes of Japanese culture. Japan is a highly developed, post-industrial society renowned across the globe for economic success in the post-World War II period. What historical and social factors have shaped Japan’s contemporary culture, and how have interactions with other countries influenced Japanese society? We will study a number of different spheres of Japanese life including the family and the workplace to better understand contemporary society. We will pay special attention to Japan’s global position and its relationship to the United States. 3 hr. lect./disc. (Anthropology) **AAL**, **NOA**, **SOC** *(L. White)*
Cross-listed as: SOAN 0110

JAPN 0175 Anime: Masterworks of Japanese Animation (Fall 2017)

How did anime emerge as a distinctive national genre in global popular culture at the turn of the 21st century? What social conditions in Japan promoted adaptations of manga (graphic novels) into feature-length films for adult audiences? In this course students will address these questions by analyzing the forms and contexts of ten masterworks by the most prominent directors of Japanese animation. We will study the relation of anime to classic Disney films, live-action Hollywood cinema, and Japanese aesthetic traditions. Students will probe the political and ethical questions anime raises about the atomic bombings of World War II, individual identity, consciousness and the body, and the human impact on the natural environment. We will study several directors and give special attention to Miyazaki as an anime auteur. Films include *Grave of the Fireflies*, *Akira*, *Ghost in the Shell*, *Perfect Blue*, *My Neighbor Totoro*, *Spirited Away*, and *The Wind Rises*. 3 hrs. lect. **AAL**, **ART**, **NOA** *(C. Cavanaugh)*

Cross-listed as: FMMC 0175

JAPN 0201 Second-Year Japanese (Fall 2017)

The goals of the intermediate course are to develop the ability to understand conversational Japanese at natural speed, to express oneself accurately and smoothly in various situations, to read nontechnical materials at reasonable speed with the use of the dictionary, and to express oneself in writing with relative ease. Understanding of Japanese culture will be broadened and deepened through mastery of the course materials. (JAPN 0103 or equivalent) 3 hrs. lect./3 hrs. drill **LNG** *(K. Davis)*

JAPN 0202 Second-Year Japanese (Spring 2018)

This course is a continuation of JAPN 0201. (JAPN 0201 or equivalent) 3 hrs. lect./3 hrs. drill **LNG** *(K. Davis)*

JAPN 0228 Japanese Religions (Spring 2018)

We will begin our study of Japanese religions with the ancient mythology that forms the basis of Shinto (the way of the kami, or gods). We will then consider the introduction of Buddhism, Confucianism, and Daoism to Japan and examine how these traditions were accepted, absorbed, and adapted. We will also investigate Japanese reactions to Christianity in the 16th century and the appearance of "new" Japanese religions starting in the 19th century. Throughout, we will ask how and why Japanese have both adhered to tradition and been open to new religions. 3 hrs. lect./disc. **AAL**, **NOA**, **PHL** *(E. Morrison)*

Cross-listed as: RELI 0228 *

JAPN 0235 History of Pre-Modern Japan (Fall 2017)

In this course we will explore the social, cultural, and institutional history of Japan from the eighth century up through the rise of the Tokugawa shogunate in the 17th century. The course is organized thematically to illuminate the different periods of Japanese history, including the imperial origin myth and Heian culture, the frontier and the rise of samurai government, localism and the warring states period, and finally the Tokugawa settlement and the paradoxes of centralized feudalism. Pre-1800. 3 hrs. lect/disc. **AAL**, **HIS**, **NOA**, **SOC** *(M. Ward)*

Cross-listed as: HIST 0235 *

JAPN 0236 The History of Modern Japan (Spring 2018)

In this course we will review the major themes and events of modern Japanese history from the Meiji Restoration (1868) to the present. Through reading a variety of primary texts, historical analyses, and literature, as well as watching films, we will explore the formation of the modern Japanese nation-state, Japan’s colonial project in East Asia, 1920s mass culture, the question of Showa fascism, and Japan’s unique postwar experience, from occupation to high-growth and the “lost decade” of the 1990s. We will pay particular attention to the relationship between changes within Japan and larger global trends. 3 hrs. lect./disc. **AAL**, **HIS**, **NOA**, **SOC** *(M. Ward)*

Cross-listed as: HIST 0236 *

JAPN 0240 Guns and Swords: Violence and Masculinity in Japanese and American Films (Fall 2017)

Cowboys, samurai, gangsters, and yakuza are fabled figures embodying national myths of honor and resistance in American and Japanese films. Swordfight and gunfight genres grapple with the issue of lethal weapons in the hands of individuals when the power of the state is absent, corrupt, or ineffectual. Familiar motifs, archetypal characters, and straightforward plots uphold traditional aspirations threatened by the forces of modernity. Japanese and American directors have exploited these conventions to create cinematic masterpieces about questions of violence, righteousness, and masculinity. In this course we will explore cross-cultural influences between swordfight and gunfight genres as we compare their heroes, antiheroes, conflicts, and codes. Films for study include *Seven Samurai, Yojimbo, The Tale of Zatoichi, The Searchers, High Noon, Unforgiven, Pale Flower, Tokyo Drifter, Branded to Kill, White Heat, The Godfather, and Goodfellas*. 3hrs. lect/disc. **AAL**, **ART**, **CMP**, **NOA** *(C. Cavanaugh)*

Cross-listed as: FMMC 0240

JAPN 0301 Third-Year Japanese (Fall 2017)

This advanced course aims to increase the student's proficiency in modern standard Japanese, both spoken and written. A variety of written and audiovisual materials will be used to consolidate and expand mastery of more advanced grammatical points and vocabulary. Oral presentation, discussion, and composition in Japanese are also important components of the course. (JAPN 0202 or equivalent) 3 hrs. lect./3 hrs. drill **LNG** *(M. Takahashi)*

JAPN 0302 Third-Year Japanese (Spring 2018)

This course is a continuation of JAPN 0301. (JAPN 0301 or equivalent) 3 hrs. lect./3 hrs. drill **LNG** *(M. Takahashi)*

JAPN 0312 Tokyo: Between History and Utopia (Spring 2018)

In this course we will explore the history of Tokyo—from its "prehistory" as a small castle town in the 16th century to the cosmopolitan metropolis of the 20th century—and trace how Tokyo has captured the imagination as a space of possibility, of play, and for many, of decadence. Through a range of sources, including films, novels, ethnographies, and historical essays, we will use Tokyo as a "site" (both urban and ideological) through which to explore broader questions related to capitalist modernity, the formation of the nation-state, cultural identity, gender politics, and mass-culture. 3 hrs. sem. **AAL**, **HIS**, **NOA**, **SOC** *(M. Ward)*

Cross-listed as: HIST 0312 *

JAPN 0435 Workshop in Literary Translation (Spring 2018)

Literary translation is a valuable but often neglected skill for advanced language learners. In this workshop we will consider the basic theoretical arguments in translation studies influencing translation styles and then practice translation in a variety of literary genres. Sessions will include discussions of translation strategies and active peer critique of sample translations. Each student will produce a substantial translation as the semester project. Topics covered will include: text selection, translation ethics, practical methodologies, and publishing industry standards. (JAPN 0402 concurrent or prior) **AAL**, **LIT**, **LNG**, **NOA** *(S. Snyder)*

JAPN 0475 Advanced Reading in Japanese Studies (Fall 2017)

In this course students will read original materials in a variety of disciplines and develop skills to analyze and discuss them in Japanese. Advanced listening practice, oral presentation and academic writing will also be emphasized. (Approval only) 3 hrs. disc. *(K. Davis)*

JAPN 0500 Independent Project (Fall 2017, Spring 2018)

Qualified students may be permitted to undertake a special project in reading and research under the direction of a member of the department. Students should seek an advisor and submit a proposal to the department well in advance of registration for the term in which the work is to be undertaken.

JAPN 0700 Honors Thesis (Fall 2017, Spring 2018)

Students write a thesis in English with a synopsis in Japanese on literature, film, or culture. The topic for the thesis is chosen in consultation with the instructor. (JAPN 0475)

↑ Top

Jewish Studies Minor

What is Jewish Studies?

Jewish Studies ranges over the study of Jews and Judaism from the Biblical period to the present. It takes Judaism not only as a "religion," but as a civilization and culture encompassing a rich textual tradition, literature in several languages, philosophy and theology, customs and ritual, art, music and film. Jewish Studies is by its nature interdisciplinary and can be approached, for example, from within the disciplines of history, religion, sociology and anthropology, or literary study. The program also sponsors a wide array of lectures and other events, including the annual Hannah A. Quint Lecture in Jewish Studies.

A distinguishing aspect of Middlebury's program is the depth of study possible in Hebrew. Middlebury also offers a Hebrew Minor, with courses in both Modern and Classical Hebrew.Introductory ModernHebrew is offered every year, and Introductory Classical Hebrew in alternate years, usually in Winter Term. (For Hebrew course descriptions, click on the link to Courses, upper left.)

Participating Faculty:

Professors: Robert S. Schine (Religion/Classics), Theodore Sasson, (Jewish Studies); O. Larry Yarbrough (Religion); Tamar Mayer (Geography; Robert Cohen (English and American Literatures). *Associate Professors*: Rebecca Bennette (History) and Director of the Jewish Studies program; Oz Aloni (Hebrew). *Program Coordinator:*Vijaya L. Wunnava

JWST 0297 Middle Eastern Political Religion (Spring 2018)

Since the Iranian Revolution of 1979 and the rise of Religious Zionism in Israel, Middle Eastern politics and religion have become inextricably linked. In this course we examine the relationship between politics and religion in the Arab states, Israel, and Iran. Readings include selections from the scriptures of the monotheistic traditions, historical accounts of religious and political change, and theoretical analyses of historical trends. Throughout the term we will follow news accounts of current developments in the Middle East. 3 hrs. lect. **AAL**, **MDE**, **PHL** *(S. Goldman)*

Cross-listed as: RELI 0297 *

JWST 0408 Readings in Modern European History: The Nazis and the Jews (Spring 2018)

Hitler and his functionaries in the Nazi Party initiated and led a vicious campaign to annihilate the Jews of Europe during the Second World War. This seminar will examine the issues and events that helped shape the National Socialist worldview of individuals and groups during the Nazi Holocaust, and will close with an examination of how modern European cultures have addressed the legacy of the Nazi past, including such topics as Holocaust denial and memorialization. (formerly HIST 0424) 3 hr. sem. **EUR**, **HIS** *(R. Bennette)*

Cross-listed as: HIST 0408 *

HEBM 0101 Introductory Modern Hebrew I (Fall 2017)

In this course students will become acquainted with the basic grammatical and formal concepts necessary for the comprehension of the Modern Hebrew language. We will focus on the fundamentals of reading, writing, listening, and speaking, with a particular emphasis placed on the acquisition of conversational ability. We will also make use of audiovisual, situational, and cultural exercises, and give attention to the elements of Classical form and style that provided a foundation for Modern Hebrew, which was revived as a vernacular in the late 19th century. No previous knowledge of Hebrew is required. 6 hrs. **LNG** *(F. Alasiri)*

HEBM 0103 Introductory Modern Hebrew III (Spring 2018)

This course is a continuation of Modern Hebrew 0102 which will be offered during winter term. Students will further develop their skills in written and oral communication, and will expand their knowledge of the cultures of modern Israel through both audio and visual media. (HEBM 0102 or equivalent) 5 hrs. lect. **LNG** *(F. Alasiri)*

HEBM 0201 Intermediate Modern Hebrew I (Fall 2017)

This course is a continuation of HEBM 0103. Using authentic audio and visual materials, we will place emphasis on developing the skills required for intermediate-level written and communicative competence. In addition, students will gain a deeper understanding of the forms and style of Classical Hebrew, both of which are necessary for formal composition, interaction, and reading comprehension in Modern Hebrew. (HEBM 0103 or equivalent) 5 hrs. lect/disc **LNG** *(O. Aloni)*

HEBM 0202 Intermediate Modern Hebrew II (Spring 2018)

This is the fifth in the sequence of Modern Hebrew courses that focus on the acquisition of reading, listening, writing, and speaking skills. This course will further increase the students' fluency in spoken Hebrew, as well as their facility in reading authentic texts dealing with both secular and religious Jewish cultures, the literature of modern-day Israel, Israeli history, and current events. By the end of the semester, students should attain the level of educated, non-native speakers of Modern Hebrew, in terms of knowledge of grammar, vocabulary, composition, and communicative competence. (HEBM 0201 or equivalent) 5 hrs. lect/disc. **AAL**, **LNG**, **MDE** *(O. Aloni)*

HEBM 0261 The Sleeping Beauty: Themes in the Cultural and Linguistic History of the Hebrew Language (Spring 2018)

The Hebrew Language has been awakened. In this course we will explore when, where, why, and by whom was this Sleeping Beauty revived; how both its awakening and hibernation has been connected to linguistic, cultural, and societal transformation over 25 centuries. We will examine poetry, liturgy, Midrash, and other writing by philosophers, poets, linguists, and religious leaders. We will discuss the connection of the revival of the language to the Zionist movement. Throughout the course we will try to answer questions such as: Why do we regard Hebrew as one and the same language after three millennia of constant linguistic change? Was the revival of Hebrew a miracle or a failure? How did Hebrew influence Jewish practices of exegesis? This course counts towards the Jewish Studies minor (JWTS). 3 hrs. lect./disc. **CW** (5 seats), **SOC** *(O. Aloni)*

Cross-listed as: LNGT 0261

HEBM 0411 Translating Hebrew - Theory and Practice (Fall 2017)

In this course students at the advanced level of Hebrew will learn about the central themes of the theory and practice of translation. Special attention will be given to the particular issues emerging from the translation of Hebrew. Keeping in mind the theoretical background, we will translate Hebrew texts of various genres and periods. We will discuss the linguistic structure of these texts as well as their cultural background. 3 hrs. lect./disc. **AAL**, **LNG**, **MDE** *(O. Aloni)*

HEBM 0500 Independent Project (Fall 2017, Spring 2018)

(Approval Required)

HEBR 0500 Independent Study (Fall 2017)

Approval required.

↑ Top

Linguistics Minor

The linguistics minor consists of a minimum of **five courses**: two required introductory level courses and three electives.

Required courses for the minor are as follows:
LNGT 0101 Introduction to Linguistics
LNGT 0102 Introduction to Sociolinguistics or LNGT/SOAN 0109 Language, Culture, Society

Electives include the following:
LNGT 0226 Phonetics and Phonology
LNGT 0250 Morphology and Syntax
LNGT 0280 Formal Semantics
LNGT/WRPR 0110 English Grammar: Concepts & Controversies
LNGT/EDST 0205 Second Language Acquisition and Educational Technology
LNGT/JAPN 0210 Japanese Linguistics
LNGT/ARBC 0225 Arabic Linguistics
LNGT/ARBC 0227 Arabic Sociolinguistics
LNGT/RUSS 0232 Nature and Origin of Language
LNGT/CHNS 0270 Chinese Sociolinguistics
LNGT/SPAN 0303 Introduction to Spanish Phonetics/Pronunciation (taught in Spanish)
LNGT/SPAN 0317Spanish Pronunciation (taught in Spanish)
LNGT/SPAN 0322 Introduction to Hispanic Linguistics (taught in Spanish)
LNGT/PHIL 0354 Philosophy of Language
LNGT/GRMN 0370 German Linguistics (taught in German)
LNGT/SPAN 0390 Linguistic Variation (taught in Spanish)
LNGT/SOAN 0395 Environmental Communication
LNGT/ARBC 0421 Arabic Linguistic Variation (taught in Arabic)
LNGT/ARBC 0435 Arabic Diglossia (taught in Arabic)
LNGT/SOAN 0459 Language and Power
LNGT 1001 Introduction to Translation Studies
LNGT/EDST 1003 Introduction to TESOL

Please Note: Students are advised to check with the director for a complete list of courses that count as electives. All electives are taught in English, unless otherwise indicated.

LNGT 0101 Introduction to Linguistics (Fall 2017)

In this course we will discuss the major issues and findings in the study of human language within theories of modern linguistics. The main topics include the nature of human language as opposed to other communication systems; sound patterns (phonology); word-formation (morphology); sentence structure (syntax); meaning (semantics); language and the brain; language acquisition; geographical and social dialects; and historical development of language and language change. 3 hrs. lect./disc. **SOC** *(T. Cook)*

LNGT 0102 Introduction to Sociolinguistics (Fall 2017)

In this course, we will explore the ways that language creates and reflects social identities. We will look at the contextual factors-social, cultural, geographical, political, etc.-that impact language use and variation. Themes for this course will include linguistic variation, language and identity, language policy, and language in the media. We will consider questions such as: What distinguishes a language from a dialect? How and why do some language varieties become privileged? How do notions of politeness and respect vary across linguistic contexts? In essence, we will learn how language shapes our world, and how we shape language itself. **SOC** *(S. Shapiro)*

Cross-listed as: INTD 0120 *

LNGT 0109 Language, Culture and Society (Spring 2018)

In this course students will be introduced to the comparative, ethnographic study of language in relation to socio-cultural context. Our readings will be drawn from diverse global settings and will focus upon language as the means by which people shape and are shaped by the social worlds in which they live. We will examine contrasts in ways of speaking across different communities, personal identities, and institutions. We will explore the consequences of communicative difference across a range of contact situations, including everyday conversation among peers, service encounters, political elections, and global connections or disconnections made possible through new media. 3 hrs. lect./disc. *(Anthropology)/* **CMP**, **SOC** *(M. Nevins)*

Cross-listed as: SOAN 0109 *

LNGT 0110 English Grammar: Concepts and Controversies (Fall 2017)

In this course we will study the structure of the English language, learning key terms and strategies for analyzing English syntax. We will explore English grammar from both prescriptive and descriptive perspectives and examine its relevance to language policy, linguistic prejudice, and English education. Readings will be drawn from a variety of texts, including *Rhetorical Grammar* (2009), *Eats, Shoots & Leaves* (2006), *Language Myths* (1999), and *Origins of the Specious* (2010). This course is relevant to students wanting to increase their own knowledge of the English language, as well as to those seeking tools for English teaching and/or research. **SOC** *(S. Shapiro)*

Cross-listed as: WRPR 0110 *

LNGT 0206 Narratives in News Media (Spring 2018)

In this course we will consider questions such as: What linguistic strategies do the news media use to craft compelling stories? What are the dominant narratives at play about national and global social issues, and how are some journalists working to counter those narratives? We will employ Critical Discourse Analysis as a central framework, reading theoretical and empirical work by linguists such as Teun van Dijk, as well as from sociologists and political scientists. We will engage with “On the Media” and other podcasts, TED talks, documentaries such as Outfoxed (2004), and online magazines. Students will write for a variety of audiences. 3 hrs. lect./disc. **CW**, **SOC** *(S. Shapiro)*

Cross-listed as: WRPR 0206 *

LNGT 0226 The Sounds of Language: Introduction to Phonetics and Phonology (Spring 2018)

In this course we will study the description and analysis of speech: how the sounds of language are physiologically produced, acoustically represented, and psychologically perceived and categorized. Through acoustic and phonological analysis, students will develop the skills to distinguish and produce the sounds of the world’s languages, as well as explore the sound systems of different languages, in order to determine which patterns differ and which patterns are common to all. Students will hone their analytical and technical skills by solving phonological problem sets as well as by using computer software (Praat) to analyze the acoustics of speech. 3 hrs. lect./disc. **SCI** *(B. Baird)*

LNGT 0242 The Non-Native Speaker in a Multilingual World (Spring 2018)

In this course we will address linguistic, educational, and ideological dimensions of the non-native speaker identity and multilingual societies. What does it mean to be a non-native speaker? Why is this linguistic identity considered by some to be a stigma and by others to be a privilege? How do societies succeed in and fail at integrating speakers of different languages? In which ways do language policies and educational practices in the United States and around the world reflect linguistic and social realities? 3 hrs. lect./disc. **CMP**, **SOC** *(P. Urlaub)*

Cross-listed as: EDST 0242

LNGT 0261 The Sleeping Beauty: Themes in the Cultural and Linguistic History of the Hebrew Language (Spring 2018)

The Hebrew Language has been awakened. In this course we will explore when, where, why, and by whom was this Sleeping Beauty was revived; how both its awakening and hibernation has been connected to linguistic, cultural, and societal transformation over 25 centuries. We will examine poetry, liturgy, Midrash, and other writing by philosophers, poets, linguists, and religious leaders. We will discuss the connection of the revival of the language to the Zionist movement. Throughout the course we will try to answer questions such as: Why do we regard Hebrew as one and the same language after three millennia of constant linguistic change? Was the revival of Hebrew a miracle or a failure? How did Hebrew influence Jewish practices of exegesis? 3 hrs. lect./disc. **CW**, **SOC**

Cross-listed as: HEBM 0261 *

LNGT 0270 Chinese Sociolinguistics (taught in English) (Spring 2018)

Sociolinguistics is mainly concerned with the interaction of language and society. The language situation in China is unique both in the modern world and in human history. We will gain a good understanding of sociolinguistics as a scientific field of inquiry through exploring the Chinese situation in this course. Some of the questions we will ask are: What is Mandarin (Modern Standard) Chinese? Who are "native speakers" of Mandarin? Are most Chinese people monolingual (speaking only one language) or bilingual (speaking two languages) or even multilingual? How many "dialects" are there in China? What is the difference between a "language" and a "dialect"? Are Chinese characters "ideographs", i.e., "pictures" that directly represent meaning and have nothing to do with sound? Why has the pinyin romanization system officially adopted in the 1950s never supplanted the Chinese characters? Why are there traditional and simplified characters? We will also explore topics such as power, register, verbal courtesy, gender and language use. Students are encouraged to compare the Chinese situation with societies that they are familiar with. (One semester of Chinese language study or by waiver) **AAL**, **NOA**, **SOC** *(H. Du)*

Cross-listed as: CHNS 0270 *

LNGT 0280 Logic and Formal Semantics (Spring 2018)

Using logical and mathematical tools, formal semantics answers the following questions: Why do sentences mean what they mean? How is reasoning possible? How does language structure our understanding of time, change, knowledge, morality, identity, and possibility? This course is well suited for students interested in computer science, linguistics, logic, mathematics, or philosophy. (Some prior familiarity with formal logic is recommended, but not required.) 2 hrs. lect./1 hr. disc **DED**, **PHL** *(K. Khalifa)*

Cross-listed as: PHIL 0280 *

LNGT 0303 Introduction to Spanish Phonetics and Pronunciation (Spring 2018)

In this course we will study the sound system of Spanish with the aims of introducing the fields of phonetics and phonology while improving pronunciation. Students will become familiar with phonetic transcription, comparing and contrasting articulatory and acoustic characteristics of Spanish as well as English in order to understand and implement different phonological patterns produced by native speakers of Spanish. Additionally, we will discuss major pronunciation differences across the Spanish-speaking world. (SPAN 0220 or placement) 3 hrs. lect./disc. **LNG** *(M. Rohena-Madrazo)*

Cross-listed as: SPAN 0303 *

LNGT 0305 The Holocaust and Exile in Translation (Spring 2018)

For decades, readers across the globe have learned about the atrocities of the Holocaust through translation. Translators have brought us testimonials, and accounts about imprisonment, life in concentration camps, exile, resistance, and survival during World War II in a wide variety of languages. In this course we will study how translators and publishers have shaped this vibrant literature according to the priorities of different cultural and linguistic communities. Combining theory and praxis, we will analyze the multilingual journeys of influential works such as The Diary of Anne Frank and Elie Wiesel’s Night through a translation studies lens. Students will also translate texts from various genres including autobiography, children’s and young adult literature, subtitle audiovisual testimonial footage and film and get a first exposure to simultaneous interpretation. (Advanced skills in one language in addition to English required). 3 hrs. lect. **CMP**, **EUR** *(K. Hanta)*

Cross-listed as: GSFS 0305

LNGT 0322 Introduction to Hispanic Linguistics (Fall 2017)

This course is an introduction to the theory and methodology of linguistics as applied to the study of Spanish. The course’s goals are to understand the basic characteristics of human language (and of Spanish in particular), and to learn the techniques used to describe and explain linguistic phenomena. We will study the sound system (phonetics/phonology), the structure of words (morphology), the construction of sentences (syntax), as well as the history and sociolinguistic variation of the Spanish language, as spoken in communities in Europe, Latin America, and Northern America. We will examine texts, speech samples, and songs, illustrating these linguistic phenomena. (SPAN 0220 or placement) 3 hrs. lect./disc. **CMP**, **LNG**, **SOC** *(B. Baird)*

Cross-listed as: SPAN 0322 *

LNGT 0354 Philosophy of Language (Fall 2017)

Speaking a language is a complex form of behavior that plays a rich and varied role in human life. The philosophy of language seeks to give a philosophical account of this phenomenon, focusing on such questions as: How does language gain meaning? How does it differ from animal communication? Is language in some sense innate? Other topics to be addressed include: theories of reference and truth; the relation between language, thought, and reality; and theories of metaphor. Readings from philosophers and linguists will include works by Frege, Russell, Wittgenstein, Chomsky, and Pinker. (Previous course in philosophy or waiver; PHIL 0180 is also strongly recommended)3 hrs lect. **PHL** *(J. Spackman)*

Cross-listed as: PHIL 0354 *

LNGT 0377 Bilingualism in the Spanish-Speaking World (Spring 2018)

What does it mean to be bilingual? In this course we will study bilingualism with a special emphasis on Spanish-speaking bilinguals in Europe, Latin America, and the United States. Course topics will include social, political, linguistic, and psychological aspects of bilingualism. Special attention will be paid to societal bilingualism, language use among a group or community, individual bilingualism, how an individual's language use changes in different contexts and throughout an individual's lifespan, and government and educational policies throughout the Spanish-speaking world. We will study texts, speech samples, and media that highlight different aspects of bilingualism. (At least two Spanish courses at the 0300 level or above, or by waiver) 3 hrs. lect./disc. **CMP**, **LNG**, **SOC** *(B. Baird)*

Cross-listed as: SPAN 0377 *

LNGT 0395 Language and the Environment (Spring 2018)

Do languages simply put different labels on the environment, from rocks to trees to carbon, or are what we see and what we value shaped by the ways that we talk about it? Drawing upon ethnography, linguistics, and critical discourse analysis, we will explore how environmental perceptions and modes of action are formed in and through language. We will bring an appreciation of language differences to the analysis of ongoing environmental controversies, where the various stakeholders draw contrasting boundaries between nature and culture and define human involvement with nature in different ways. 3 hrs. lect./disc. *(Anthropology)/* **CMP**, **SOC** *(M. Nevins)*

Cross-listed as: SOAN 0395 *

LNGT 0500 Independent Work (Fall 2017, Spring 2018)

(Approval Required)

↑ Top

Program in Literary Studies

Required for the Major:

The overall design of the program is simple, and its expectations are clearly defined. This is a program of study designed for students who by the time of their graduation from Middlebury wish to secure a comprehensive background in a full range of major achievements of world literature, as well as an ability to read and appreciate works of literature in at least one language other than English. To accomplish those ends, each Literary Studies major is required to take a total of 15 courses in literature over the course of four years. No more than six of these courses may be taken within a single department, and the individual courses may be selected from the literature of any language and of any period. They can be wide-ranging surveys or courses devoted to the study of single authors. The specific selection of courses is entirely up to the student, but in order to fulfill the requirements for the major, he or she will be expected to take: (a) two coursesone historical, one generally theoretical in orientationselected from the list specified below under the "Summary of Major Requirements"; (b) one literature course in a foreign language (including Greek and Latin)normally 0300-level (though FREN 0210 and the FREN 0200-series will usually qualify); and (c) a Colloquium for majors to be taken during the fall semester of the senior year. In addition, in conjunction with an independent reading course taken during the fall semester of the senior year, the student will arrange to take a one-hour oral examination in an area of specialization (as described below) that he or she has defined. This oral examination takes place at the end of the fall semester, and it is followed by a five-hour written comprehensive examination at the end of winter term. The written examination will require the student to demonstrate a knowledge of a range of major works by the authors listed below. For reasons of practicality, the number of authors from this list whose works students will actually have an opportunity to discuss on the comprehensive examination in any given year will be limited to 12. The following current list will give the student a clear sense of the particular range of major authors it is presumed that he or she will be familiar with by senior year:

Homer
Aeschylus
Sophocles
Vergil
Ovid
Lucretius
Dante
Boccaccio
Pirandello
Cervantes
Tirso de Molina
Caldern
Lope de Vega
Borges
Moliere
Baudelaire
Proust
Goethe

Kafka
Mann
Wang Wei
Co Xuegin
Lu-Xn
Gogol
Dostoevsky
Tolstoy
Shakespeare
Milton
Wordsworth
Joyce
Emerson
Melville
Faulkner
Murasaki Shikibu
Chikamatsu Monzaemon
Natsume Soseki

In addition to works by authors whose names appear on this primary list, Literary Studies majors will be urged to deepen their general cultural background by becoming acquainted with the Old and New Testaments (especially Genesis, Psalms, Job, Song of Songs, Matthew, John, Revelation, and the Epistle to the Romans), as well as principal works of Plato, Aristotle, Rousseau, Darwin, Marx, and Freud. A full list of the specific works by these authors included on the current Literary Studies comprehensive reading list is available on the Literary Studies Program website, or from Professor Donadio, the director of the program.

Beyond the two historical and theoretical courses required for the program (both of which are counted toward the major), the 0300-level foreign language literature course, the senior year colloquium (LITS 0705) and independent reading course (LITS 0701), and the total of 15 courses, the general, defining requirement for the Literary Studies major is the winter term comprehensive examination (LITS 0700), the overall range of which is specified in the comprehensive reading list. In the process of working toward this general literary education, the student will also be expected to use the independent reading course (LITS 0701) to focus on a group of works chosen to represent an individual specialization in the literature of a particular culture (e.g., German, English, American, Spanish, Russian, Chinese, etc.), or period (e.g., the eighteenth century, the twentieth century, etc.), or genre (e.g., the novel, the drama, lyric poetry, etc.). The specific authors and the 10 to 12 texts selected by the student for this specialization will be approved by the director in conjunction with two faculty examiners with relevant expertise in the fields represented. This oral examination is the culmination of the independent reading course (LITS 0701) in the fall semester. At the end of the following winter term, there is a five-hour written winter term comprehensive examination based on the reading list. Students qualifying for honors (a B+ average in the major, including the comprehensive examination) will complete a Senior Honors Essay (LITS 0710) in their final semester.

After completing all the specified requirements, the student will be graduated from Middlebury College as a Literary Studies major with a particular area of interest: for example, epic poetry, European drama, Japanese literature, the literature of the nineteenth century, etc. Should the student wish to pursue graduate study, depending on the nature of his or her interests and preparation, the student would be in a good position to do so in such fields as English or American literature, comparative literature, or the literature of a specific foreign language; in

addition, he or she would have a secure background for further studies in such fields as law, political philosophy, religion, journalism, publishing, medicine, and cultural and intellectual history. Literary Studies majors have gone on to do work in all these areas.

As indicated above, students will be eligible for departmental honors in Literary Studies if in their combined performance in literature courses and on the two parts of the comprehensive examination they have achieved an average grade of B+ or higher. Honors will be awarded on the basis of the overall grade average in the major, performance on the comprehensive examination, and a senior honors essay of 30-40 pages to be completed during the spring semester of the senior year (this project counts as one course). A one-hour oral examination on the content and implications of this honors essay is also required, and this examination will be conducted by two faculty members with particular expertise in the fields represented.

Summary of Major Requirements:

Total of 15 courses (no more than six in any one department).

(1) Two courses selected from the historical and theoretical courses listed below, one from each category, as currently offered. (With the permission of the director, alternative courses may be substituted for those specified here.)

Historical:

CLAS 0150 Greek and Roman Epic

CLAS 0152 Greek Tragedy

RELI 0180 Introduction to Biblical Literature

PSCI 0101 Introduction to Political Science

Theoretical:

ENAM 0205 Contemporary Literary Theory

CHNS/LITS 0360 Introduction to Literary Theory and Criticism

(2) One course in literature in a foreign language (normally 0300 level, but FREN 0201 and FREN 0220 series would usually qualify).

(3) At least four literature courses, but no more than six, to be taken within a single department. (Courses in language instruction may not be counted toward this requirement.)

(4) Independent Reading Course (LITS 0701) in Area of Specialization (by genre, period, theme, or national literature), an area of particular interest defined by the student in consultation with the director. A one-hour oral examination, to be taken in the fall semester before the winter term written comprehensive examination in the senior year, is devoted to this area of special interest. The 10 to12 texts required for this examination will be chosen by the student in conjunction with the director and two faculty examiners with appropriate backgrounds in the fields represented.

(5) Senior Colloquium for majors (LITS 0705, open to non-majors if space is available), focused on a range of works on the comprehensive reading list.

(6) Senior Comprehensive Examination (LITS 0700) in preparation for the written comprehensive examination. Students engaged in such preparation arrange to meet with one another over the course of winter term, and often solicit faculty participation in discussions of individual texts they have chosen to work on as a group.

(7) Written Comprehensive Examination (LITS 0700) (on works that appear on the Literary Studies comprehensive reading list), taken at the end of winter term of the senior year. As indicated, this five-hour written examination represents the second part of the comprehensive requirement, the oral specialization examination in LITS 0701 being the first.

(8) Students achieving an average grade of B+ or higher in the program will be eligible for honors. Honors will be awarded on the basis of the overall grade average in courses in the major, performance on the comprehensive examination, and a senior honors essay of 30-40 pages, to be completed (for one course credit) during the spring semester of the senior year; a one-hour oral examination on the content of this essay is administered by two faculty examiners with expertise in the field of investigation represented.

Please Note: **Any literature course in the Middlebury College curriculum (and in approved programs abroad or at other U.S. institutions) may be used to fulfill the requirements in the Program in Literary Studies**. Hence, in addition to the specific LITS course descriptions indicated below, students majoring in Literary Studies as well as non-majors with an interest in literature are urged to read through the entire literature offering by various departments (including language departments) to secure a full sense of the range of courses available in any academic year.

LITS 0265 Varieties of Literary Ambiguity (Fall 2017)

We will consider readings in a range of European, British, and American fictions purposefully designed to lead the reader to uncertain or contradictory judgments regarding the larger implications of the tale. Narratives of this kind, often deceptively straightforward but in fact intricately conceived, may be understood to provide an experience of insinuating irresolution, calling for repeated and progressively deeper assessments of the same story. Authors whose works may be considered include Heinrich von Kleist, Nathaniel Hawthorne, Herman Melville, Nikolai Gogol, Gustave Flaubert, Henry James, Joseph Conrad, and Franz Kafka. 3 hrs lect/disc **LIT** *(S. Donadio)*

Cross-listed as: ENAM 0265

LITS 0266 Growing up: Sentimental Educations (Spring 2018)

The Romantic movement lent new authority to personal feeling (then often referred to as 'Sentiment') as the most powerful way to apprehend truth. By 1900 childhood and adolescence had become accepted as separable stages of life through which one grew to adulthood. Accordingly, the nineteenth century witnessed the flourishing of an international fictional tradition, later called the Bildungsroman, or "novel of education" that focused upon a single individual in an increasingly urban world. We will study portrayals of 'growing up' in major, influential novels by Goethe, Balzac, Charlotte Bronte, Dickens, Flaubert (a novel titled Sentimental Education). Turgenev, Henry James and James Joyce. 3 Hrs. Lect/Disc **EUR**, **LIT** *(J. McWilliams)*

Cross-listed as: ENAM 0266

LITS 0500 Independent Research Project (Fall 2017, Spring 2018)

(Approval Required) (Staff)

LITS 0510 Independent Essay Project (Fall 2017, Spring 2018)

(Approval Required) *(J. Bertolini, S. Donadio)*

LITS 0701 Independent Reading Course (Fall 2017, Spring 2018)

Intended for majors in literary studies preparing for the senior comprehensive examinations. At the conclusion of this course, students will take a one-hour oral examination (part of the senior comprehensive examination) in a specialization of their choice. (Approval Required) (Staff)

LITS 0705 Senior Colloquium in Literary Studies (Fall 2017)

Although it is required of all Literary Studies senior majors, this course is intended for students working in any discipline who seek a close encounter with some of the greatest achievements of the literary imagination. In addition to being understood as distinctive artistic and philosophical accomplishments, the six major works which constitute the reading list will also be seen as engaged in a vital, overarching cultural conversation across temporal and geographical boundaries that might otherwise seem insurmountable. The texts for this semester are: Homer, *The Odyssey*; Tolstoy, *War and Peace*; Dostoevsky, *The Brothers Karamazov*; Mann, *The Magic Mountain*; Proust, *Swann's Way*; Joyce, *Ulysses*. (Open to non-majors with the approval of the instructor.) 3 hrs., seminar. *(S. Donadio)*

Cross-listed as: ENAM 0705

LITS 0710 Senior Honors Essay (Fall 2017, Spring 2018)

(Approval Required) *(J. Bertolini)*

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Department of Mathematics

Required for the Major in Mathematics:(Eleven courses total, at least six of which must be taken at Middlebury College in Vermont):
I. Core courses: MATH 0122, MATH 0200, MATH 0223, MATH 0302, and MATH 0323 (at least one of the latter two to be completed by the end of the junior year);
II. Electives: five MATH electives at the 0200-level or above;
III. Senior thesis work: A 0700-level MATH seminar in the senior year.

Note: Students are strongly encouraged to include a proof-based course such as MATH 0241 or MATH 0247 early in their programs. This is especially helpful prior to taking MATH 0302 or MATH 0323.

Required for the Mathematical Sciences Option in the Mathematics Major:(Eleven courses total, at least six of which must be taken at Middlebury College in Vermont)
I. Core courses: MATH 0122, MATH 0200, and MATH 0223, and one of MATH 0302, MATH 0323, at least one of the latter two to be completed by the end of the junior year)

II. Computing-intensive course: CSCI 0150 or MATH 0216 or MATH 0228;
III. Electives.Six courses from categories A and B. At least four of the six courses must have the MATH designation, and at least two must be from category B.Non-MATH courses must all have the same designation (ECON or PHYS or CSCI)
A. Courses in applied specialization: MATH 0225, MATH 0310, MATH 0315, MATH 0318, ECON 0380, PHYS 0212, CSCI 0201, CSCI 0463;
B. Advanced electives: MATH 0302, MATH 0311, MATH 0323, MATH 0325, MATH 0410, CSCI 0302, ECON 0390, ECON 0411, MATH 0500 (with prerequisite: at least one course from categories A or B);
IV. Senior work: A 0700-level MATH seminar in the senior year.

Note: Students should consult the mathematics department for examples of course sequences in the mathematical sciences option recommended for emphases in Mathematical Economics, Computer Science, or Physical Sciences/Engineering. For students completing double majors, electives used towards a major in another department cannot also be counted as electives in the mathematical sciences option.

Students planning a "3-2" engineering program who wish to major in Mathematics will complete the 700-level MATH course in their sixth semester at Middlebury. These students should normally choose the Mathematical Sciences Option in the major.

Honors Program:A student who wishes to be considered for departmental honors in mathematics must submit a proposed plan of study during his or her junior year. Candidates for departmental honors should include one additional elective in their programs (12 courses total). For the mathematical sciences option, an honors program must include an elective sequence such as MATH 0310-0410 or MATH 0310-0311. Students should consult their advisors as they develop proposals for honors study.

Required for the Minor in Mathematics(six courses total at least half of which must be taken at Middlebury College in Vermont): MATH 0121, MATH 0122, MATH 0200, and three

courses at the 0200-level or above.

Joint Majors:The Department of Mathematics does not offer a joint major.

Advanced Placement:Advanced placement in the department is offered to first-year students whose secondary training indicates they can commonly bypass one or more of the beginning courses in mathematics. Majors typically begin their study of mathematics in MATH 0122 or MATH 0200. Mathematics majors who need to begin the study of calculus with MATH 0121 may arrange with their advisors to use this course as one of the required electives. Credits forMATH 0121 and 0122 may be earned through the College Board AP exams or international exams such as the A-Levels or IB. At the discretion of the chair, additional courses may be waived in recognition of exceptional secondary school preparation. However, in all cases the major must include at least 7 Middlebury College or approved transfer courses, and the minor must include at least 4. Students who have earned grades on advanced placement calculus exams that are eligible for credit may not register for the equivalent course at Middlebury College. Thus students who have earned 4 or 5 on the Calculus AB exam or a 3 on the Calculus BC exam may not register for MATH 0121, students who have earned 4 or 5 on the Calculus BC exam may not register for MATH 0121 or MATH 0122, and students who have earned 4 or 5 on the Statistics exam may not register for MATH 0116. This policy applies irrespective of whether students choose to use their AP credits toward meeting Middlebury's graduation requirements. The following international credentials carry the same credit as a 4 or 5 on the Calculus BCExam: A-levelexam with a mathematics grade of A, B,or C; or IB Higher Level Mathematics with a grade of 6 or 7.

Other Credits:
Because of the wide variation in course offerings at other institutions, students wishing to substitute a course from another college for any course in mathematics must seek approval from the department before registering for the course. In addition, students seeking MATH 0121 credit for a summer course taken elsewhere must pass a written examination given by the department in the fall. Check with the department early in the first week of classes for details.

Requirements Prior to Fall 2016
Required for the Major in Mathematics: (Ten courses total at least half of which must be taken at Middlebury College in Vermont):
I. Core courses: MATH 0122, MATH 0200, MATH 0223, MATH 0302, and MATH 0323;
II. Electives: four MATH electives at the 0200-level or above;
III. Senior thesis: MATH 0704 in the senior year.

Note: Students are strongly encouraged to include a proof-based course such as MATH 0241, or MATH 0247 early in their programs. This is especially helpful prior to taking MATH 0302 or MATH 0323.

Required for the Mathematical Sciences Option in the Mathematics Major: (Ten courses total at least half of which must be taken at Middlebury College in Vermont)
I. Core courses: MATH 0122, MATH 0200, and MATH 0223;
II. Electives. Six courses from categories A and B. At least four of the six courses must have the MATH designation, and at least two must be from category B.
A. Courses in applied specialization: MATH 0225, MATH 0310, MATH 0315, MATH 0318, ECON 0380, PHYS 0212, CSCI 0201, CSCI 0463;
B. Advanced electives: MATH 0302, MATH 0311, MATH 0323, MATH 0325, MATH 0410, CSCI 0302, ECON 0390, ECON 0411, MATH 0500 (with prerequisite: at least one course from

categories A or B);
III. Senior thesis: MATH 0704 in the senior year.

Note: Students should consult the mathematics department for examples of course sequences in the mathematical sciences option recommended for emphases in Mathematical Economics, Computer Science, or Physical Sciences/Engineering. For students completing double majors, electives used towards a major in another department cannot also be counted as electives in the mathematical sciences option.

Students planning a "3-2" engineering program who wish to major in Mathematics will complete the thesis course MATH 0704 in their sixth semester at Middlebury. These students should normally choose the Mathematical Sciences Option in the major.

Honors Program: A student who wishes to be considered for departmental honors in mathematics must submit a proposed plan of study during his or her junior year. Candidates for departmental honors should include two additional electives in their programs (12 courses total). For the mathematical sciences option, an honors program must include one of MATH 0302/0323 and an elective sequence such as MATH 0310-0410 or MATH 0310-0311. Students should consult their advisors as they develop proposals for honors study.

Required for the Minor in Mathematics (six courses total at least half of which must be taken at Middlebury College in Vermont): MATH 0121, MATH 0122, MATH 0200, and three courses at the 0200-level or above.

Joint Majors: The Department of Mathematics does not offer a joint major.

Advanced Placement: Advanced placement in the department is offered to first-year students whose secondary training indicates they can commonly bypass one or more of the beginning courses in mathematics. Majors typically begin their study of mathematics in MATH 0122 or MATH 0200. Mathematics majors who need to begin the study of calculus with MATH 0121 may arrange with their advisors to use this course as one of the required electives. Credits forMATH 0121 and 0122 may be earned through the College Board AP exams or international exams such as the A-Levels or IB. At the discretion of the chair, additional courses may be waived in recognition of exceptional secondary school preparation. However, in all cases the major must include at least 7 Middlebury College or approved transfer courses, and the minor must include at least 4. Students who have earned grades on advanced placement calculus exams that are eligible for credit may not register for the equivalent course at Middlebury College. Thus students who have earned 4 or 5 on the Calculus AB exam or a 3 on the Calculus BC exam may not register for MATH 0121, and students who have earned 4 or 5 on the Calculus BC exam may not register for MATH 0121 or MATH 0122. This policy applies irrespective of whether students choose to use their AP credits toward meeting Middlebury's graduation requirements. The following international credentials carry the same credit as a 4 or 5 on the Calculus BCExam: A-levelexam with a mathematics grade of A, B,or C; or IB Higher Level Mathematics with a grade of 6 or 7.

Other Credits:
Because of the wide variation in course offerings at other institutions, students wishing to substitute a course from another college for any course in mathematics must seek approval from the department before registering for the course. In addition, students seeking MATH 0121 credit for a summer course taken elsewhere must pass a written examination given by the department in the fall. Check with the department early in the first week of classes for details.

MATH 0100 A World of Mathematics (Fall 2017)

How long will oil last? What is the fairest voting system? How can we harvest food and other resources sustainably? To explore such real-world questions we will study a variety of mathematical ideas and methods, including modeling, logical analysis, discrete dynamical systems, and elementary statistics. This is an alternative first mathematics course for students not pursuing the calculus sequence in their first semester. The only prerequisite is an interest in exploring contemporary issues using the mathematics that lies within those issues. (Approval required; This course is not open to students who have had a prior course in calculus or statistics.) 3 hrs lect./disc. **DED** *(J. Albert)*

MATH 0116 Introduction to Statistical Science (Fall 2017, Spring 2018)

A practical introduction to statistical methods and the examination of data sets. Computer software will play a central role in analyzing a variety of real data sets from the natural and social sciences. Topics include descriptive statistics, elementary distributions for data, hypothesis tests, confidence intervals, correlation, regression, contingency tables, and analysis of variance. The course has no formal mathematics prerequisite, and is especially suited to students in the physical, social, environmental, and life sciences who seek an applied orientation to data analysis. (Credit is not given for MATH 0116 if the student has taken ECON 0210 or PSYC 0201 previously or concurrently.) 3 hrs. lect./1 hr. computer lab. **DED** *(A. Lyford)*

MATH 0121 Calculus I (Fall 2017, Spring 2018)

Introductory analytic geometry and calculus. Topics include limits, continuity, differential calculus of algebraic and trigonometric functions with applications to curve sketching, optimization problems and related rates, the indefinite and definite integral, area under a curve, and the fundamental theorem of calculus. Inverse functions and the logarithmic and exponential functions are also introduced along with applications to exponential growth and decay. 4 hrs. lect./disc. **DED** *(Fall 2017: D. Dorman, W. Peterson, M. Olinick; Spring 2018: M. Kubacki)*

MATH 0122 Calculus II (Fall 2017, Spring 2018)

A continuation of MATH 0121, may be elected by first-year students who have had an introduction to analytic geometry and calculus in secondary school. Topics include a brief review of natural logarithm and exponential functions, calculus of the elementary transcendental functions, techniques of integration, improper integrals, applications of integrals including problems of finding volumes, infinite series and Taylor's theorem, polar coordinates, ordinary differential equations. (MATH 0121 or by waiver) 4 hrs. lect./disc. **DED** *(Fall 2017: M. Kubacki, G. Melvin; Spring 2018: G. Melvin, P. Schumer)*

MATH 0200 Linear Algebra (Fall 2017, Spring 2018)

Matrices and systems of linear equations, the Euclidean space of three dimensions and other real vector spaces, independence and dimensions, scalar products and orthogonality, linear transformations and matrix representations, eigenvalues and similarity, determinants, the inverse of a matrix and Cramer's rule. (MATH 0121 or by waiver) 3 hrs. lect./disc. **DED** *(Fall 2017: P. Bremser, P. Schumer, J. Schmitt; Spring 2018: D. Dorman, P. Bremser)*

MATH 0216 Introduction to Data Science (Fall 2017, Spring 2018)

In this course students will gain exposure to the entire data science pipeline: forming a statistical question, collecting and cleaning data sets, performing exploratory data analyses, identifying appropriate statistical techniques, and communicating the results, all the while leaning heavily on open source computational tools, in particular the R statistical software language. We will focus on analyzing real, messy, and large data sets, requiring the use of advanced data manipulation/wrangling and data visualization packages. Students will be required to bring their own laptops as many lectures will involve in-class computational activities. (MATH 0116; or ECON 0210 or PSYC 0201 and experience with R) 3 hrs lect./disc. **CW** (Spring 2018), **DED** *(A. Lyford)*

MATH 0223 Multivariable Calculus (Fall 2017, Spring 2018)

The calculus of functions of more than one variable. Introductory vector analysis, analytic geometry of three dimensions, partial differentiation, multiple integration, line integrals, elementary vector field theory, and applications. (MATH 0122 and MATH 0200 or by waiver) 3 hrs. lect./disc. **DED** *(Fall 2017: D. Dorman; Spring 2018: G. Melvin, J. Schmitt)*

MATH 0225 Topics in Linear Algebra and Differential Equations (Spring 2018)

Topics may include diagonalization of matrices, quadratic forms, inner product spaces, canonical forms, the spectral theorem, positive matrices, the Cayley-Hamilton theorem, ordinary differential equations of arbitrary order, systems of first-order differential equations, power series, and eigenvalue methods of solution, applications. (MATH 0200 or by waiver) 3 hrs. lect./disc. **DED** *(M. Olinick)*

MATH 0228 Introduction to Numerical Analysis (Fall 2017)

We will study the development, analysis, and implementation of numerical methods for approximating solutions to mathematical problems. We will begin with applications of Taylor polynomials, computer representation of numbers, and types of errors. Other topics will include polynomial and spline interpolation, numerical integration and differentiation, rootfinding, and numerical solutions of differential equations. Accuracy will be quantified by the concept of numerical error. Additionally, we will study the stability, efficiency, and implementation of algorithms. We will utilize the software MATLAB throughout to demonstrate concepts, as well as to complete assignments and projects. (MATH 0200) **DED** *(M. Kubacki)*

MATH 0247 Graph Theory (Fall 2017)

A graph (or network) is a useful mathematical model when studying a set of discrete objects and the relationships among them. We often represent an object with a vertex (node) and a relation between a pair with an edge (line). With the graph in hand, we then ask questions, such as: Is it connected? Can one traverse each edge precisely once and return to a starting vertex? For a fixed *k/, is it possible to "color" the vertices using /k* colors so that no two vertices that share an edge receive the same color? More formally, we study the following topics: trees, distance, degree sequences, matchings, connectivity, coloring, and planarity. Proof writing is emphasized. (MATH 0122 or by waiver) 3 hrs. lect./disc. **DED** *(J. Schmitt)*

MATH 0261 History of Mathematics (Spring 2018)

This course studies the history of mathematics chronologically beginning with its ancient origins in Babylonian arithmetic and Egyptian geometry. The works of Euclid, Apollonius, and Archimedes and the development of ancient Greek deductive mathematics is covered. The mathematics from China, India, and the Arab world is analyzed and compared. Special emphasis is given to the role of mathematics in the growth and development of science, especially astronomy. European mathematics from the Renaissance through the 19th Century is studied in detail including the development of analytic geometry, calculus, probability, number theory, and modern algebra and analysis. (MATH 0122 or waiver) **CMP**, **CW** (6 seats), **DED** *(P. Schumer)*

MATH 0302 Abstract Algebra (Fall 2017)

Groups, subgroups, Lagrange's theorem, homomorphisms, normal subgroups and quotient groups, rings and ideals, integral domains and fields, the field of quotients of a domain, the ring of polynomials over a domain, Euclidean domains, principal ideal domains, unique factorization, factorization in a polynomial ring. (MATH 0200 or by waiver) 3 hrs. lect./disc. **DED** *(P. Schumer)*

MATH 0310 Probability (Fall 2017)

An introduction to the concepts of probability and their applications, covering both discrete and continuous random variables. Probability spaces, elementary combinatorial analysis, densities and distributions, conditional probabilities, independence, expectation, variance, weak law of large numbers, central limit theorem, and numerous applications. (concurrent or prior MATH 0223 or by waiver) 3 hrs. lect./disc. **DED** *(W. Peterson)*

MATH 0311 Statistics (Spring 2018)

An introduction to the mathematical methods and applications of statistical inference. Topics will include: survey sampling, parametric and nonparametric problems, estimation, efficiency and the Neyman-Pearsons lemma. Classical tests within the normal theory such as F-test, t-test, and chi-square test will also be considered. Methods of linear least squares are used for the study of analysis of variance and regression. There will be some emphasis on applications to other disciplines. (MATH 0310) 3 hrs. lect./disc. **DED** *(A. Lyford)*

MATH 0318 Operations Research (Fall 2017)

Operations research is the utilization of quantitative methods as an aid to managerial decisions. In the course, several of these methods will be introduced and studied in both a mathematical context and a physical context. Topics included will be selected from the following: classification of problems and the formulation of models, linear programming, network optimization, transportation problems, assignment problems, integer programming, nonlinear programming, inventory theory, and game theory. (MATH 0200 or waiver) **DED** *(M. Olinick)*

MATH 0323 Real Analysis (Fall 2017, Spring 2018)

An axiomatic treatment of the topology of the real line, real analysis, and calculus. Topics include neighborhoods, compactness, limits, continuity, differentiation, Riemann integration, and uniform convergence. (MATH 0223) 3 hrs. lect./disc. **DED** *(S. Abbott)*

MATH 0338 Fundamentals of Algebraic Geometry (Spring 2018)

Algebraic geometry is one of the oldest areas of mathematics, yet it is thoroughly modern and active. It is the study of geometric spaces locally defined by polynomial equations. The aim of this course is to introduce students to some basic notions and ideas in algebraic geometry. We will study affine and projective spaces, affine and projective curves, singularities, intersection theory, Hilbert’s Nullstellensatz, Bezout’s Theorem, and the arithmetic of elliptic curves. There will be an emphasis on examples and problem solving. (MATH 302) 3 hrs. lect. **DED** *(D. Dorman)*

MATH 0345 Combinatorics (Spring 2018)

Combinatorics is the “art of counting.” Given a finite set of objects and a set of rules placed upon these objects, we will ask two questions. Does there exist an arrangement of the objects satisfying the rules? If so, how many are there? These are the questions of existence and enumeration. As such, we will study the following combinatorial objects and counting techniques: permutations, combinations, the generalized pigeonhole principle, binomial coefficients, the principle of inclusion-exclusion, recurrence relations, and some basic combinatorial designs. (MATH 0200 or by waiver) 3 hrs. lect./disc. **DED** *(J. Schmitt)*

MATH 0500 Advanced Study (Fall 2017, Spring 2018)

Individual study for qualified students in more advanced topics in algebra, number theory, real or complex analysis, topology. Particularly suited for those who enter with advanced standing. (Approval required) 3 hrs. lect./disc.

MATH 0703 Finite Fields Seminar (Fall 2017)

This course is a tutorial in the theory and applications of finite fields, which lie in the intersection of algebra and number theory. Working in small groups, students will study the fundamental structure and properties of finite fields (also known as Galois fields). They will then work independently, exploring applications in cryptography, coding theory, or other areas. Students will gain experience reading advanced sources and communicating their insights in expository writing and oral presentations. This course fulfills the capstone senior work requirement for the mathematics major. (MATH 0241 or MATH 0302; Approval required) 3 hrs. Sem *(P. Bremser)*

MATH 0704 Senior Seminar (Fall 2017)

Each student will explore in depth a topic in pure or applied mathematics, under one-on-one supervision by a faculty advisor. The course culminates with a major written paper and presentation. This experience emphasizes independent study, library research, expository writing, and oral presentation. The goal is to demonstrate the ability to internalize and organize a substantial piece of mathematics. Class meetings include attendance at a series of lectures designed to introduce and integrate ideas of mathematics not covered in the previous three years. Registration is by permission: Each student must have identified a topic, an advisor, and at least one principal reference source. 3 hrs. lect./disc. *(M. Olinick)*

MATH 0715 Advanced Mathematical Modeling Seminar (Spring 2018)

A tutorial on advanced mathematical model building and analysis for students who have completed work in Differential Equations and Probability. We will study deterministic and stochastic models of interacting populations with a focus on mathematical ecology and epidemiology. Working independently and in small groups, students will gain experience reading advanced sources and communicating their insights in expository writing and oral presentations. Fulfills the capstone senior work requirement for the mathematics major. (Approval Only) 3 hrs. Sem. **DED** *(M. Olinick)*

MATH 0728 Mathematical Methods in Fluid Dynamics (Spring 2018)

This course is an introduction to the mathematical models and methods used in modern fluid dynamics. Students will derive and analyze fundamental equations of fluid flow, explore their applications, as well as examine theoretical and practical solution techniques. Equations of study will include the Poisson, diffusion, and Navier-Stokes equations. We will also introduce basic methods of computational fluid dynamics. Working independently and in small groups, students will gain experience reading advanced sources and communicating their insights in expository writing and oral presentations. Fulfills the capstone senior work requirement for the mathematics major. 3 hrs. Lect./Lab (Approval Only) **DED** *(M. Kubacki)*

↑ Top

Molecular Biology & Biochemistry

***Required for the Major*:** The requirements for the major in molecular biology and biochemistry provide a multidisciplinary yet integrated approach to examining life at the macromolecular, cellular, and organismal levels. The major is composed of 14 required courses including foundation courses, advanced courses, and two electives. Required foundation courses in mathematics, physics, chemistry, and biology establish a strong, broad understanding of the science necessary for advanced study. Required advanced courses in the core areas of molecular biology, biological chemistry, and bioinformatics build on this foundation. Finally, elective courses offer advanced opportunities to explore a wide variety of specific topics including neurobiology, developmental biology, computational biology, molecular genetics, and biochemical mechanisms. Students are encouraged to engage in mentored independent research in these areas.
Placement Exams and Transfer Credit: Students may be able to bypass introductory courses in biology, chemistry, mathematics, or physics on the basis of AP credit or proficiency exams. Those who bypass CHEM 0103 may begin with CHEM 0104 (fall or spring) or CHEM 0107 (fall only). AP Statistics will not satisfy the statistics requirement (BIOL 0211 or MATH 0116). Those students with AP Statistics credit will be required to enroll in BIOL 0211. Those students interested in the health professions or graduate study may wish to take a full two semesters of calculus and physics in order to meet professional school entrance requirements. Students considering taking summer courses or courses abroad must get approval in advance from the program director. Students should consult with their adviser for assistance with the process of transferring credit from another institution.

Electives: A list of appropriate electives is provided.

***Required Background courses*:**
MATH 0116 Introduction to Statistical Science or BIOL 0211 Experimental Design and Data Analysis (if available)
MATH 0121 Calculus I
PHYS 0109 Newtonian Physics
BIOL 0140 Ecology and Evolution
BIOL 0145 Cell Biology and Genetics
CHEM 0103 or CHEM 0107 General Chemistry I or Adv. General Chemistry
CHEM 0104 or CHEM 0107 General Chemistry II or Adv. General Chemistry
CHEM 0203 Organic Structure and Reactivity

Required Advanced Courses:
BIOL 0310 or BIOL 0305 Microbiology or Developmental Biology
BIOL 0314 Molecular Genetics
CHEM 0322 Biochemistry of Macromolecules
MBBC/BIOL 0324 Bioinformatics and Genomics

Two electives out of the following:
BIOL 0225 Human Genetics
BIOL 0280 Immunology
BIOL 0305 Developmental Biology*
BIOL 0310 Microbiology*

BIOL 0330 Mechanisms of Microbial Pathogenesis
BIOL 0331 The Genetics of Cancer
BIOL 0365 Molecular Microbial Ecology
BIOL/NSCI 0420 Neurogenetics
BIOL 0450 Topics in Reproductive Medicine
CHEM 0204 Organic Synthesis and Spectroscopy
CHEM 0301 Medicinal Chemistry
CHEM 0355 Thermodynamics and Kinetics
CHEM 0425 Biochemistry of Metabolism
CHEM 0430 Current Topics in Biochemistry
CSCI 0101 The Computing Age OR CSCI 0150 Computing for the Sciences

Note: Independent Study courses (CHEM/BIOL/MBBC 0500/0700/0701) can *not* be used to fulfill elective credit.

* When not taken as a requirement these courses may be used as an elective.

There is no minor in molecular biology and biochemistry.
The recommended progression through the required courses of the MBBC major is shown below. While there can be some deviation to this schedule, it is highly recommended that the students complete their introductory chemistry requirements (CHEM0103 and CHEM 0104 or, with advanced placement, CHEM 0107/CHEM 0104) by the end of the first year and their introductory biology requirements (BIOL 0140 and BIOL 0145) by the end of their third semester. The decision to start the introductory biology sequence in the first semester along with introductory chemistry and calculus should be made with consultation with the students FYSE advisor and/or the MBBC Program Director. All mathematics, physics, introductory chemistry and biology, and organic chemistry courses should be completed by the end of the second year. A college writing (CW) course should be completed by the end of the third year. BIOL 0331, BIOL 0310, or BIOL 0305 are appropriate courses which have sections that fulfill the CW requirement.

First Year Fall
CHEM 0103 General Chemistry I OR (if satisfied)
CHEM 0104 General Chemistry II OR (if satisfied)
CHEM 0107 Advanced General Chemistry
MATH 0121 Calculus I
BIOL 0140 Ecology and Evolution OR BIOL 0145 Cell Biology and Genetics

First Year Spring
CHEM 104 General Chemistry II (if not taken previously)
BIOL 0140 Ecology and Evolution OR BIOL 0145 Cell Biology and Genetics

Second Year Fall
CHEM 0203 Organic Structure and Reactivity
PHYS 0109 Newtonian Physics
BIOL 0140 Ecology and Evolution OR BIOL 0145 Cell Biology and Genetics (if not taken previously)

Second Year Winter Term
BIOL 0211 Experimental Design and Data Analysis (or MATH 0116 in Spring)

Second Year Spring

CHEM 0322 Biochemistry of MacromoleculesMATH 0116 Introduction to Statistical Science (or BIOL 0211 in Winter Term)

Third Year
BIOL 0310 Microbiology OR BIOL 0305 Developmental Biology
BIOL 0314 Molecular Genetics
MBBC/BIOL 0324 Bioinformatics and Genomics Electives

Fourth Year
Senior Thesis Research and/or Electives

***Molecular Biology & Biochemistry Research*:** Research is an essential component of a well-rounded academic pursuit; it contributes to the development of independence and creativity, as well as to the depth of knowledge needed to become an active contributor to the scientific community. All majors are encouraged to undertake independent research with an MBBC faculty mentor. Any major is eligible to perform an independent study research project (BIOL 0500, CHEM 0500, or BIOL/CHEM/MBBC 0700) with the consent of a mentor.
***Requirements for Honors*:**Senior thesis research may be initiated by any junior with the consent of a mentor. Students considering senior thesis research are urged to begin conversations with faculty early in their junior year (certainly by winter term) because many thesis projects begin during the summer preceding the senior year. Those eligible for high honors or honors in molecular biology and biochemistry will: (1) complete at least two semesters of research, which may include winter term; (2) enroll in MBBC 0701 for their final semester of research; (3) graduate with a minimum GPA of 3.3 for all courses counting towards the major; (4) present a public seminar describing the significance, methodology, results, and conclusions of their research; (5) successfully defend their thesis before a committee of three faculty, two of whom must be affiliated with the MBBC program; and (6) earn a grade of at least B+ for MBBC 0701, as determined by the members of the MBBC program, with the grade based on their research performance, their written thesis, their thesis presentation and their thesis defense.

MBBC 0324 Genomics (Spring 2018)

Genomics is a quickly evolving field that analyzes and contextualizes genome sequencing data and high-throughput techniques. Genomics is the study of the nucleic acid content of organisms. In this course students will use national repositories of genomic information, databases, and open-source bioinformatics tools to visualize and manipulate genomic data. We will also explore genomics' larger social context, particularly as it relates to the environment and medical informatics. In the laboratory we will explore and use the methodology used in genomics to develop and interpret large datasets (CHEM 0104 or CHEM 0107 and BIOL 0145 and BIOL0140 by waiver) 3 hrs. lect., 3 hrs. lab **DED**, **SCI** *(J. Ward)*

Cross-listed as: BIOL 0324 *

MBBC 0700 Senior Thesis (Fall 2017, Spring 2018)

Seniors conducting independent study in Molecular Biology and Biochemistry should register for MBBC 0700 unless they are completing a thesis project in which case they should register for MBBC 0701. (Approval required).

MBBC 0701 Senior Thesis (Fall 2017, Spring 2018)

Students conducting independent thesis research in Molecular Biology and Biochemistry must register for MBBC 0701 while completing research projects initiated in BIOL 0500, MBBC 0700, or CHEM 0400. Students will organize and lead regular discussions of their research and research methods, and attend weekly meetings with their designated laboratory group to foster understanding of their special area, and practice the stylistic and technical aspects of scientific writing needed to write their thesis. (CHEM 0400 or BIOL 0500 or MBBC 0700) (Approval required).

↑ Top

Department of Music

Required for the Major: Majors are required to take MUSC 0209, MUSC 0260-0261, MUSC 0320-0321, MUSC 0334; a performance elective such as MUSC 0240, , 0243, 0244, or 0500; two 0200-level or above elective music courses; and MUSC 0400 senior seminar. MUSC 0704 does not count as a course toward fulfillment of the music major. Piano proficiency: All music majors will be required to demonstrate basic piano proficiency in the semester when the major is declared. Otherwise they should take a semester of piano lessons geared to theory skills, arranged through the music office. All music majors will be required to demonstrate basic sight singing proficiency in the semester when the major is declared
In addition to the curricular requirements, majors are required to participate for three semesters in at least one departmentally-approved ensemble: Middlebury College Orchestra, Middlebury College Choir, Middlebury College Community Chorus, the Sound Investment Jazz Ensemble, African Music and Dance Ensemble and Middlebury Community Wind Ensemble.
Required for the Joint Major: A minimum of eight courses at the 0200 level or above, which must include MUSC 0260-0261, MUSC 0320-0321, MUSC 0334, plus MUSC 0400 (Music Senior Seminar) and/or completion of senior work (MUSC 0704).
In addition to the curricular requirements, joint majors must participate for three semesters in at least one departmentally-approved ensemble.
Required for the Minor: Students who pursue the minor in music are required to complete five music courses, two of which may be general introductory courses (0100 level) and three other courses at the 0200-0400 levels.
Music Theory Placement Exam: It is possible for students to test into Music I (MUSC 0209) and Music Theory II (MUSC 0260) by taking a placement exam rather than taking Theory I (MUSC 0160). Incoming students must take the placement exam only during the scheduled time before classes begin. To arrange a time to take the placement exam, current students must send an email to Music Department Interim Chair Peter Hamlin, phamlin@middlebury.edu. Note deadlines: Placement tests should be arranged by November 1 and April 1 for the following semesters.
Departmental Honors: Departmental honors in music reflect a student's overall achievement in and contribution to the department as well as excellence in an independent senior work project (MUSC 0704). To be eligible for independent senior work, a grade average of at least B+ in all music courses is required. Eligible students may propose a senior work project (MUSC 0704) of one or two semesters in length; proposals must be submitted by April 1 of the junior year. A grade of B+ in senior work and B+ in departmental courses will be eligible for honors; A- in senior work and A- in departmental courses will be eligible for high honors; A in senior work and A in departmental courses will be eligible for highest honors.
Private Music Lessons: Instruction in musical instruments and voice is available through the department. Online registration takes place the first week of fall and spring terms (winter term lessons registration takes place the last week of classes in the fall term). There are ten 45-minute music lessons per semester (four during winter term). Contracts must be signed at the first lesson and are binding. No rebate is allowed for lessons missed except in the case of injury or continued illness. Lesson fees are applied to the students college account. Members of the Middlebury College Orchestra, Middlebury College Choir, Middlebury College Community Chorus, The Sound Investment Jazz Ensemble, and Middlebury Community Wind Ensemble are entitled to half-price lessons for the instruments they play in the ensemble (or voice for choirs). The fee is waived for students who are music majors, music joint majors, or are enrolled in

performance-related courses, MUSC 0240, MUSC 0500 or MUSC 0704 projects. Music majors may receive a maximum of two complimentary series of lessons each semester. Academic credit is not given for applied lessons. Contact the department at extension 5221 for information. Private instruction: *piano*: D. Fanning, C. Huard, N. Koval Paden, S. Brightman; *harpsichord*: C. Huard; *jazz piano and jazz voice*: R. Forman; *cello*: D. Davydov; *violin and viola*: M. Rowell; *trumpet and double bass*: G. Ingalls; *flute*: A. Janson; *clarinet*: Steven Klimowski; *oboe*: D. Frostman; *trombone*: B. Irwin; *french horn*: M. Fritze; *acoustic and electric guitar*: P. Asbell, D. Huckett; *classical guitar*: E. Despard; *voice*: C. Christensen, S. Peck, B. Thompson, *drums*: R. Lawton; *harmonica*: M. Lavoie; *traditional fiddle, mandolin,* and *banjo*: P. Sutherland; *bagpipes* and *Irish whistle*: T. Cummings; *carillon*: G. Matthew; *organ*: E. Fanning; *saxophone*: M. Donahue; *harp*: D. Dodge.

Ensembles
Middlebury College Orchestra: The orchestra performs approximately four times a year in programs featuring music from all periods. Instrumentalists may arrange for an audition through the music department. See course listing for MUSC 0205. (A. Massey).
Middlebury College Choir: The College Choir performs concerts each fall and spring, participates in Baccalaureate and other College functions, and tours or engages in other projects annually. Audition required, with attention to sight-reading, listening skills and vocal production. Intent to participate full year/multiple semesters strongly encouraged. Open to all students without prerequisite. See course listing of MUSC 0205. (J. Buettner).
College Community Chorus: The Chorus performs concerts each fall and spring, usually including a major choral work for chorus and organ or orchestra. Open to all without audition; rehearsals focus on developing choral musicianship. See course listing of MUSC 0205. (J. Rehbach).
The Sound Investment Jazz Ensemble: Using traditional big-band instrumentation, the Jazz Ensemble plays the best of contemporary jazz arrangements as well as classic charts from the 75 years of swing and jazz band history. The Ensemble also features student compositions and arrangements when available. An active performance schedule is typical. See course listing of MUSC 0205 (D. Forman).
African Music and Dance Ensemble: The African Music and Dance Ensemble is the core of the African Music and Dance Performance course (MUSC0244), for which enrolled students earn one (1) credit. The Ensemble gives students [with or without a musical background] a rich, hands-on experience with numerous East African (Ugandan) music and dance cultures through regular rehearsals and fall/spring end-of-semester concerts. See course listing of MUSC 0244 (D. Kafumbe).
Middlebury Community Wind Ensemble: An off-campus community ensemble that students are invited to join that plays music from all periods; woodwind, brass and percussion; no auditions necessary. There are two performances before fall term ends and two more in April and May. Rehearsals take place at Middlebury Union High School. (M. McHugh).
Other Chamber Ensembles: String quartets, woodwind and brass ensembles can be formed and coached for interested students. Independent projects (MUSC 0500) can be arranged for these groups.

MUSC 0101 Introduction to Western Music (Spring 2018)

This course is designed to introduce students to the music created by the men and women of Western civilization. The styles and genres of art music from the Middle Ages to the present will be a focus for the course. The relationship of music to society, historical context, and the other arts will also be examined. Music reading skills are not required. 3 hrs. lect./disc. **ART**, **CMP**, **EUR**, **HIS** *(L. Hamberlin)*

MUSC 0134 What in the World is Music? (Fall 2017)

In this course we will explore global musical cultures in order to better understand both those musical cultures and our own in relation to one another. The course has two goals: to introduce students to unfamiliar ways of listening to and thinking about different elements of music (including – but not limited to – rhythm, melody, timbre, texture, harmony, and form); and to develop skills for appreciating cultural significances of these elements. We will achieve these goals through readings, lectures, discussions, film screenings, listening sessions, workshops, concerts, and hands-on activities. 3 hrs. lect. **AAL**, **ART**, **CMP** *(D. Kafumbe)*

MUSC 0160 Music Theory I: Fundamentals (Fall 2017, Spring 2018)

This course is an introduction to the basic elements and theoretical concepts of Western music. We will focus on such topics as basic keyboard skills, sight singing, musical notation, rhythm, and harmony and form. Theoretical work and drills will be combined with compositional and performance projects. The goal of the course is to expand students' musical intuition and skill and to provide the technical basis for further music study. No prior musical experience is required. (Students who wish to take upper-level composition or music theory courses must either complete this course or pass a theory and musicianship test administered by the department to demonstrate equivalent experience.) (Formerly MUSC 0109). 2.5 hrs. lect. **ART** *(Fall 2017: M. Taylor; Spring 2018: S. Tan)*

MUSC 0205 Performance Lab (Fall 2017, Spring 2018)

Credit can be conferred for performance in faculty-supervised ensembles: Middlebury College Orchestra, Middlebury College Choir and the Middlebury College Sound Investment Jazz Ensemble (see "Ensembles" above), one unit of such credit to accrue over two semesters (spring and fall only). The appropriate supervising faculty will give grades, based on attendance and quality of performance. A student should inform the ensemble director of intent to sign up for this course before starting, and should actually register for MUSC 0205 only the SECOND of the two terms by adding it as a fifth course. MUSC 0205 does not fulfill any major course requirements and may not be taken more than once. (Approval required) **ART** *(Fall 2017: A. Massey, J. Buettner, J. Rehbach, J. Forman; Spring 2018: E. Bennett, J. Buettner, J. Rehbach, J. Forman)*

MUSC 0209 Music I (Fall 2017)

Music I focuses on the materials and grammar of music through compositional exercises. As part of these explorations, we will examine the elements of harmony (scales, triads and seventh chords), notation, rhythm, polyrhythm, binary and ternary forms, two-voice counterpoint, variation, transposition, as well as skills in conducting, analysis, ear-training, and sight-singing. Students will write short pieces for a variety of instruments and ensembles, notate their pieces, and rehearse and perform them, thereby learning about music through discovery and observation. The assignments are designed for students with or without compositional experience. (Ability to play an instrument or sing; MUSC 0160, or passing score on the MUSC 0160 placement exam) 3 hrs. lect./1 hr. lab. **ART** *(S. Tan)*

MUSC 0210 Music II (Spring 2018)

This course is a continuation of MUSC 0209. While using the same format, including composing and labs, as in MUSC 0209, the course covers elements of modality (western and non-western), functional harmony, heterophony, fugal processes, strophic forms, melodic analysis, serial processes, and extensions of tonality and atonality. (MUSC 0209 or by permission) 3 hrs. lect./1 hr. lab. **ART** *(S. Tan)*

MUSC 0212 History, Theory, and Practice of Electronic Music (Spring 2018)

This course will provide a historical look at the development of electronic music from the earliest analog techniques to present-day computer technology. Students will learn about the theory of digital and analog sound, acoustics, and MIDI. Creative projects will guide the class through a range of techniques. Much of the focus will be on how the electronic medium enables composers to work with sound and musical forms in non-traditional ways. 2 hrs. lect./1 hr. lab **ART** *(P. Hamlin)*

MUSC 0214 Songwriting and Production Workshop (Fall 2017)

In this course we will offer student singer/songwriters a workshop setting for the creation and production of original songs. The course will revolve around student projects produced in the college’s electronic music studio and campus recording studio. Student projects will explore concepts of musical form and harmony, recording and production techniques, use of Digital Audio Workstations, and the incorporation of electronic sounds in a production. Lectures and demonstrations will provide theoretical and practical background to support those projects, and a collaborative environment will also allow students to learn from each other. (MUSC 0209 or permission). **ART** *(P. Hamlin)*

MUSC 0232 Music in the United States (Fall 2017)

In this course we will examine folk, classical, and popular music in the United States from the 17th century to the present. We will use historical and analytical approaches to gain insight into the music, the musicians, and the social and cultural forces that have shaped them. Students will explore music's relation to historical events, other artistic movements, technological changes, and questions of national identity and ethnicity. Topics will include music in the British colonies, minstrelsy, American opera and orchestras, jazz, popular music, and the experimentalist composers of the 20th and 21st centuries. Music reading skills are useful but not required. 3 hrs. lect./disc. **AMR**, **ART**, **NOR** *(L. Hamberlin)*

Cross-listed as: AMST 0232

MUSC 0240 Performing Chamber Music (Spring 2018)

In this course for intermediate to advanced performers we will explore the art of collaborative music making in the classical tradition. Students will form small vocal and instrumental ensembles (2–6 players) at the beginning of the semester or may enroll in the course as an established ensemble. Repertoire will be determined in collaboration with instructor. Weekly coaching sessions for each group and master classes for all groups will culminate in at least one end-of-semester performance and writing assignment. In addition to technical performance issues, master classes and readings will consider group dynamics, rehearsal techniques, and interpersonal aspects of musical collaboration. Although previous chamber music experience is not required, students should be experienced performers of notation-based music. 3 hrs. lect/disc. **ART**, **CW** (5 seats) *(S. Tan)*

MUSC 0243 Conducting (Spring 2018)

In this course students will develop basic skills of conducting including movement, aural skills, creative gesture, and score study. Daily work will include preparation to conduct an ensemble of classmates. Score reading ability and proficiency on an instrument or in singing is required. (MUSC 0160 or by approval of instructor. Score-reading ability is required.) **ART** *(J. Buettner)*

MUSC 0244 African Music and Dance Performance (Fall 2017, Spring 2018)

This course will introduce students to various techniques of performing East African (primarily Ugandan) musical and dance traditions through regular rehearsals, culminating in an end-of-semester concert. As an ensemble, we will learn and master how to play and sing/dance to bow-harps, thumb-pianos, xylophones, tube-fiddles, bowl-lyres, gourd shakers, struck gourds, reed-box rattles, ankle bells, leg rattles, and various types of drums. Some background in performing music is recommended, but prior knowledge of performing African music and dance is not required. 3 hrs. lect./lab **AAL**, **ART**, **SAF** (Spring 2018) *(D. Kafumbe)*

Cross-listed as: DANC 0244

MUSC 0245 Collaborative Improvisation: All-Arts Ensemble (Spring 2018)

In this course/ensemble we will open dialogues of performance, improvisation, and social interaction across disciplines in the arts. How do the various disciplines relate to each other in a performance environment? It may be easy to see points of commonality between music and dance or writing and theater, but what about the act of painting and the process of musical improvisation? Through the work of Ornette Coleman, Del Close, John Cage, Pauline Oliveros, and others, students will explore improvisation in music, theater, dance, and visual art. The class will culminate in a performance. All students are welcome. 3 hrs. lect./disc. **ART** *(M. Taylor)*

MUSC 0260 Music Theory II: Diatonic Theory (Fall 2017)

This course is an in-depth technical study of the materials of music, a study which expands one's ability to analyze and create music and to understand different musical styles. We will cover harmonic materials, introduce musical form, and work with traditional compositional skills. These techniques are applied to the analysis of classical music, jazz and popular music. (MUSC 0160 or passing score on the MUSC 0160 placement exam.) 3 hrs. lect./disc. **ART** *(M. Taylor)*

MUSC 0261 Music Theory III: Chromatic Theory (Spring 2018)

This course is a continuation of MUSC 0260. Students will study more advanced harmonic devices including modulation and chromaticism, jazz harmony, and post-tonal techniques. In-depth analysis of classical music, jazz, and popular music supports a more advanced study of musical form. (MUSC 0260) 3 hrs. lect./disc. **ART** *(M. Taylor)*

MUSC 0309 Advanced Composition (Fall 2017)

In this course we will focus on writing for string quartet, brass quintet, a cappella singing, piano, or performance art and involve issues of technique, style, and practical considerations, as well as study of selected elements of the literature. The course will culminate with a reading of student works by a professional ensemble or solo performer. This semester we focus on composing for the string quartet. We will discuss a variety of string techniques as well as issues of form and orchestration. We will listen to important works for that medium and discuss the styles from the Classical period to this century. Students will compose exercises, leading to a substantial string quartet to be "read" by the Jupiter String Quartet. (MUSC 0209 and 0210 or approval of instructor). 3 hrs. lect./disc. *(S. Tan)*

MUSC 0320 Music History I: Music to 1750 (Fall 2017)

In this course we will survey Western art music from the earliest notated Medieval music through the Renaissance and Baroque periods. Beginning with Gregorian chant and troubadour song, we will explore Renaissance vocal polyphony, the development of opera and instrumental music in the 17th century, and the late Baroque music of Bach and Handel. Analysis of the music is supplemented by consideration of the ways in which music relates to the other arts and reflects the history and culture of its time. Students will be introduced to musicological research methods and their connection to other ways of thinking about music. Through score study, reading, writing, and discussion, they will confront the challenges surrounding our attempt to understand music's historical development and its relation to the other arts and society. (MUSC 0261 or waiver) 3 hrs. lect. **ART**, **EUR**, **HIS** *(L. Hamberlin)*

MUSC 0334 Music in World Cultures (Spring 2018)

In this course students will develop skills for analyzing a wide range of music styles and appreciating their social, economic, and political importance. We will explore selected case studies through readings, lectures, discussions, film screenings, listening sessions, workshops, concerts, and hands-on activities. (MUSC 0209 or MUSC 0261) 3 hrs. lect. **AAL**, **ART**, **CMP** *(D. Kafumbe)*

MUSC 0400 Senior Seminar (Fall 2017)

Topic is determined by the instructor - refer to section for the course description. **ART** *(J. Buettner)*

MUSC 0500 Independent Study (Fall 2017, Spring 2018)

Admission by approval. Please consult published departmental guidelines and paragraph below.

MUSC 0704 Senior Work (Fall 2017, Spring 2018)

Senior work is not required of all music majors and joint majors. However, students interested in and eligible for departmental honors (see guideline above, in "Departmental Honors" section) may propose one or two-semester Senior Work projects. Projects may be in history, composition, theory, ethnomusicology, performance, or electronic music, and should culminate in a written presentation, a public performance, or a combination of the two. MUSC0704 does not count as a course toward fulfillment of the music major.

Project and budget proposals for Independent Study and Senior Work should be submitted by the previous April 1 for fall and winter term projects, and the previous October 15 for spring term projects. Budget proposals will not be considered after those dates. Project proposals will be considered after the deadline but are more likely not to be approved due to previous commitments of faculty advisors or other scheduling reasons.

↑ Top

Program in Neuroscience

Required for the major: The major includes required background and foundations courses, electives, and senior work. Required background courses in biology, psychology, and chemistry, establish a foundation in science necessary for upper-level study. Foundation courses teach students to approach neuroscience from three intellectually different, but related directions. Elective courses offer opportunities to explore a wide variety of neuroscience related areas. Senior work requires all majors to integrate their specific training through research or a senior seminar. Students may be exempt from some introductory courses through placement or bypass exams. For more information on placing out of a specific course, contact the chairperson of the relevant department.

Required Background Courses:
PSYC 0105 Introduction to Psychology
BIOL 0145 Cell Biology and Genetics
CHEM 0103 Fundamentals of Chemistry 1
Either PSYC 0201 Psychological Statistics or BIOL 0211 Experimental Design and Statistical Analysis (if available)

NOTE: PSYC 0105 & BIOL 0145 are pre-requisite to NSCI 0251 and should be taken in the first year.

We strongly recommend CHEM 0103 & either PSYC 0201 or BIOL 0211 be taken by the end of the second year.

Foundations Courses: (all three are required)
NSCI 0251 Fundamentals of Cellular and Molecular Neuroscience(Not open to juniors or seniors)

NSCI 0252 Fundamentals of Behavioral Neuroscience (Currently only open to NSCI Majors with the prerequisite of NSCI 0251)

Fundamentals of Philosophical NeuroscienceStudents must take one of the following:
PHIL 0252 Philosophy of Mind
PHIL 0360 Consciousness
PHIL 0358 Rationality and Cognition

Electives:
Majors must take three electives chosen from within or across the Biological, Psychological, or Philosophical groupings below:

Biological Studies of Neuroscience
BIOL 0216 Animal Behavior
BIOL 0225 Human Genetics
BIOL 0235 Sexual Selection
BIOL 0270 Neural Disorders
BIOL 0305 Developmental Biology
BIOL 0350 Endocrinology
BIOL 0370 Animal Physiology

NSCI 0325 Brain Evolution

Psychological Studies of Neuroscience
PSYC 0202 Research Methods
PSYC/NSCI 0302 Conditioning and Learning
PSYC/NSCI 0303 Sensation and Perception
PSYC/NSCI 0305 Cognitive Psychology
PSYC/NSCI 0309 Psychopharmacology
PSYC/NSCI 0311 Neuropsychology
PSYC/GSFS 0330 Psychology of Gender
RELI/PSYC 209 Mindfulness and Psychology
LNGT 0226 Phonetics & Phonology

Philosophical Studies of Neuroscience
PHIL 0214 Science and Society
PHIL 0216 Science and the Quest for Truth
PHIL 0220 Knowledge and Reality
PHIL 0280 Logic & Formal Semantics
PHIL 0310 Moral Psychology
*PHIL 0252 Philosophy of Mind
PHIL 0354 Philosophy of Language
*PHIL 0358 Rationality and Cognition
*PHIL 0360 Consciousness
RELI/PHIL 0320 Yogacara Depth Psychology and Philosophy of Mind

* If not taken already to satisfy the Fundamentals of Philosophical Neuroscience requirement

Senior Work: A senior seminar in a neuroscience area, approved by the program (current courses include BIOL/NSCI 0420, BIOL 0475, BIOL/NSCI 0480; NSCI 0410; NSCI 0425,PSYC/NSCI 0414, PSYC/NSCI 0430; PSYC/NSCI 0434; PSYC/NSCI 0435; PSYC/NSCI 0438, or a NSCI relevant BIOL, PSYC or PHIL 0400-level course approved in advance by the NSCI Program) OR senior research (NSCI 0500, NSCI 0700 and NSCI 0701). During winter term and as course offerings change there may be others that are available for NSCI seminar credit. Seniors can do research with any faculty in the program, or with certain faculty in other departments provided the research project is approved by the neuroscience faculty and the project is related to understanding the nervous system and the mind.
Independent Research and Program Honors: Majors are encouraged to undertake independent research (NSCI 0500, NSCI 0700, NSCI 0701) with any faculty member in the program. Students considering any senior research should begin conversations with faculty early in their junior year. Those eligible for high honors in neuroscience must (1) complete at least two semesters of thesis-related research (one term of NSCI 0500 or NSCI 0700 and one term of NSCI 0701); (2) have a minimum GPA of 3.3 in major courses (excluding NSCI 0500/0700/0701); (3) present a public seminar describing the background, methodology, results, and greater significance of their research; (4) submit a written thesis and (5) successfully defend their thesis before a committee comprised of at least three faculty members, two of which must be Neuroscience faculty, plus others as needed, who may recommend High Honors after considering these five components of a thesis.
Study Abroad: Study abroad can be a valuable experience that is encouraged, though majors must consult with the Office of Off-Campus Study and their advisor about the advisability of specific programs. Because the requirements for the NSCI major are complex, we recommend that students study abroad for a single term rather than an entire year. It is expected that the

required courses listed for the major specifically by number (i.e. PSYC 0105, BIOL 0145, PSYC 0201 or BIOL 0211, NSCI 0251, NSCI 0252, and PHIL 0252, PHIL 0360, or PHIL 0358) would be completed at Middlebury. However, NSCI electives may be taken abroad if they are determined to satisfy program requirements and are approved by the advisor and program director. Students generally receive major credit for a maximum of two courses taken abroad. The NSCI program does not grant major credit for Independent Study projects completed abroad.

Advanced Placement:

Psychology AP Exam and IB:*Students with a score of 4 or 5 on the Psychology AP Exam, or a score of 6 or 7* on the IB (International Baccalaureate) Higher Level psychology exam, may bypass PSYC 0105. Students matriculating *Fall 2016 or later* will need to take an additional elective to fulfill their Neuroscience Requirements. Students matriculating *prior to Fall 2016* do not need an additional course for the major.

Psychology Department placement exam:*Students who receive a passing score on the Psychology Department placement exam may bypass PSYC 0105, however they will need to take an additional* elective to fulfill their Neuroscience Requirements. (More details can be found on the Psychology Requirements page.)

Statistics AP Exam: Students matriculating *Fall 2016 or later* may not use the Statistics AP Examination in place of taking PSYC 0201 (Psychological Statistics) or BIOL 0211 (Biostats). Credit for PSYC 0201 is given to students matriculating ***prior to Fall 2016*** who achieve a score of 4 or 5 on the **Statistics AP Examination**. These students do not need to take an additional course for the major.

Chemistry AP and Placement Exam:*Students with a score* ***of 4 or 5 on the Chemistry AP Exam,*** *or who pass the* ***Chemistry Department Placement Exam,*** *may bypass CHEM 0103 and do not need an additional course for the major.*

BIOL 0145 Placement Exam*:Students with Biology AP or IB credit may not bypass BIOL 0145 because the biology department does not offer any introductory course that is the equivalent of an AP biology course. However, students who pass the* ***BIOL 0145 Placement Exam*** *may enroll in classes for which BIOL 0145 is a prerequisite. Students matriculating* ***Fall 2016 or later*** will need to take an additional elective to fulfill their Neuroscience Requirements. *Students matriculating* ***prior to Fall 2016*** do not need an additional elective for the major.

NSCI 0227 Cognitive Psychology (Spring 2018)

Questions about the nature of the mind, thinking, and knowledge have a long and rich history in the field of psychology. This course will examine the theoretical perspectives and empirically documented phenomena that inform our current understanding of cognition. Lectures, discussions, demonstrations, and experiments will form the basis for our explorations of cognition in this class. Topics to be considered include attention, perception, memory, knowledge, problem solving, and decision making. (PSYC 0105; PSYC 0201 and PSYC 0202 recommended; not open to first-year students; open to psychology and neuroscience majors; others by waiver) 3 hrs. lect./1.5 hrs. lab. **SCI** *(J. Arndt)*

Cross-listed as: PSYC 0227 *

NSCI 0251 Fundamentals of Cellular and Molecular Neuroscience (Fall 2017, Spring 2018)

Neurons are the building blocks of complex circuits that underlie perception and behavior. In this course we will examine the molecular and cellular basis of neuron structure and function. The topics include the molecular and cellular basis of action potential propagation, the molecular biology of synaptic transmission, the molecular mechanisms of synaptic plasticity, and the molecular mechanisms of sensory transduction. Laboratory exercises will train students in commonly used neurobiology techniques and engage students in novel investigations. (BIOL 0145 and PSYC 0105; Open to neuroscience majors, nonmajors by waiver; Not open to juniors or seniors). 3 hrs. lect./3 hrs. lab. **SCI** *(Fall 2017: M. Spritzer; Spring 2018: J. Basso)*

NSCI 0252 Fundamentals of Behavioral Neuroscience (Fall 2017, Spring 2018)

Behavioral neuroscience is an interdisciplinary field that combines approaches and knowledge from psychology, biology, and chemistry to further our understanding of human and non-human animal behavior. In this course, you will study the interrelationships among elements of the nervous systems, co-functioning bodily systems, and behavioral output such as emotions, sex, memory, consciousness, sleep, and language. You will be given an opportunity to apply your knowledge from NSCI 0251 of the nervous system at the micro and macro levels and will revisit the basic concepts of behavioral genetics and psychopharmacology. This cumulative knowledge base will serve as your foundation for advanced study of neural systems and their relative roles in progressively more complex behaviors such as basic reflexes, motivation, rational thought, neural disorders, and therapeutic efficacy. (NSCI 0251; open to NSCI majors only, others by approval) 3 hrs. lect./3 hrs. lab. **SCI** *(Fall 2017: A. Crocker; Spring 2018: Z. Zhai)*

NSCI 0303 Sensation and Perception (Fall 2017)

Remarkably, using just five basic senses, our brains translate simple external stimuli (e.g. light and sound waves) into unique and vivid perceptual experiences enabling us to interact with our surrounding physical reality. Focusing primarily on the underlying mechanisms of vision and audition, we will explore how our brains construct detailed representations of our world. Throughout these explorations, we will identify perceptual limitations and investigate how mental processes such as attention and emotion affect our perceptions. We will review recent scientific articles and conduct experiments. (PSYC 0105 or any BIOL course; open to psychology and neuroscience majors; others by waiver) 3 hrs. lect./1 hr. disc. **SCI** *(M. Dash)*

Cross-listed as: PSYC 0303 *

NSCI 0309 Psychopharmacology (Spring 2018)

This course will examine ways in which drugs act on the brain to influence behavior. Students will learn the basics of brain function, will learn basic properties of drug action, and will learn how legal and illegal drugs, including drugs used to treat psychological disorders, alter the brain function and behavior of humans and experimental animals. (PSYC 0226 or PSYC 0301 or PSYC 0303 or BIOL 0370 or NSCI 0252; not open to first-year students; open to psychology and neuroscience majors; others by waiver) 3 hrs. lect. **SCI** *(M. Collaer)*

Cross-listed as: PSYC 0309 *

NSCI 0325 Evolution and Development of the Brain (Spring 2018)

Our brains are complex in both structure and function. But why? Why did we evolve to have a nervous system? What cellular and molecular events during development produce this complexity? Students will gain a deep understanding of the structures of the brain, selection factors during evolution, and how the nervous system develops. Through introductory lectures, readings, and discussions, students will discover the fascinating evolutionary history of the human brain. (NSCI 0252 or PYSC 0301/0226; open to junior and senior neuroscience majors; others by waiver). **SCI** *(A. Crocker)*

NSCI 0414 Rhythms of the Brain (Spring 2018)

How do the ~86 billion neurons of the human brain coordinate their activity to produce complex cognition and behavior? In this course we will explore how rhythmic oscillations in neuronal activity may provide a unified mechanism that contributes to diverse brain functions including attention, learning and memory, motor coordination, sleep, respiration, and perhaps even consciousness itself. Through background lectures and class discussion of primary scientific literature, students will develop their understanding of the relationships between ongoing neuronal activity, cognition, and behavior. (PSYC 0301 or PSYC 0303 or NSCI 0100 or NSCI 0252; open to junior and senior psychology and neuroscience majors; others by waiver) 3 hrs. sem. **SCI** *(M. Dash)*

Cross-listed as: PSYC 0414 *

NSCI 0425 Methods in Systems Neuroscience (Fall 2017)

Our brains are series of connected neurons forming circuits. The properties of these neurons and circuits dictate their role in our behavior. This interaction is the foundation of systems neuroscience. In this course students will deepen their understanding of the fundamental properties of these neural circuits. Students will gain knowledge of the current methods of studying these circuits, including their promise for future research directions as well as their flaws. We will focus on learning the principles of neural circuitry and discussing primary literature. (NSCI 0251 or NSCI 0252; open to junior and senior neuroscience majors; others by waiver). **SCI** *(A. Crocker)*

NSCI 0437 The Social and Emotional Brain (Spring 2018)

Social relationships profoundly impact our emotional and physical well-being. For instance, healthy relationships bring joy, but difficult relationships bring pain. Social/affective (emotional) neuroscience collectively utilizes social psychology, emotions research, and neuroscience to inform our understanding of social interactions. It addresses questions like: How does the brain process social/emotional information? How do emotions help us discern other's intentions? How are relationships shaped by emotion? Topics for discussion will include the interconnectedness of the social/emotional brain, self-concepts, theory of mind, empathy, and disorders of social/emotional function. Psychology and neuroscience students will bring their relative expertise to the class content for thoughtful discourse. (PSYC 0105; Open to junior and senior neuroscience and psychology majors only, others by waiver) 3 hrs. Sem. *(K. Cronise)*

Cross-listed as: PSYC 0437 *

NSCI 0500 Independent Research (Fall 2017, Spring 2018)

Students enrolled in NSCI 0500 complete individual research projects involving laboratory or extensive library study on a topic chosen by the student and approved in advance by a NSCI faculty advisor. This course is not open to seniors; seniors should enroll in NSCI 0700. (Approval required)

NSCI 0700 Senior Research (Fall 2017, Spring 2018)

This course is for senior NSCI majors who plan to conduct one or more semesters of independent research, or who plan to complete preparatory work toward a senior thesis, such as researching and writing a thesis proposal as well as, if appropriate, collecting data that will form the basis for a senior thesis. Senior NSCI majors who plan to complete a senior thesis should register initially for NSCI 0700. Additional requirements may include participation in weekly meetings with advisors and/or lab groups and attending neuroscience seminars. (Approval required, open to seniors only)

NSCI 0701 Senior Thesis (Fall 2017, Spring 2018)

Senior NSCI majors who have completed one or more terms of NSCI 0700, who have a GPA of 3.3 in their major courses, and who plan to complete a senior thesis should register for NSCI 0701 for the final semester of the senior thesis process. Students enrolled in NSCI 0701 write a thesis, give a public presentation of their research, and present an oral defense of the thesis before a committee of at least two Neuroscience faculty members. Faculty may recommend High honors in Neuroscience after considering the quality of these components of a student's thesis and the student's GPA in major courses. Additional requirements may include participation in weekly meetings with advisors and/or lab groups and attending neuroscience seminars. (NSCI 0700, Approval required)

↑ Top

Department of Philosophy

A. Requirements for students who entered the College prior to Fall 2015

Required for the Major: Majors must complete no fewer than 10 courses in the department, to include:
1.Logic Requirement: PHIL 0180
2.History Requirement:
a)PHIL 0201 or CLAS/PHIL 0275
b)PHIL 0250
3.Distribution Requirement:
a)one course in Ethics and Social & Political Philosophy (ESP)
b)one course in Epistemology, Language, Metaphysics, Mind and Science (ELMMS)
4.Seminar Requirement: two 0400-level seminars (see below)
5.Electives: three courses

Additionally, it is highly recommended that students take either PHIL 0150 or PHIL 0151, preferably early in the program. PHIL 0180 must be completed by the end of the sophomore year. For students going abroad in their junior year, the history requirement should be completed prior to departure. Cognate courses may be substituted for no more than two departmental electives, but will not satisfy the departmental distribution requirement; such substitutions require the prior approval of a major's departmental adviser, and must be at the 0200-level or above. No more than one term of thesis work may count towards the 10 course requirement.

Seminar Requirement: Majors must take two department seminars (0400-level courses on advanced topics in philosophy). Junior majors should take the seminar currently offered in the spring term; seniors should take the seminar currently offered in the fall term. Students who are abroad during the spring of the junior year must take both seminars in their senior year. This requirement will not be waived for students doing departmental honors. These seminars will not normally satisfy the departmental distribution requirement, but may in exceptional cases by permission of the Chair.

Departmental Honors: Majors with at least a B+ average in philosophy courses may apply to the Chair to become candidates for departmental honors. To apply, a student must find a faculty member willing to supervise the project and then submit a proposal to that faculty member in writing. If (and only if) the proposal is accepted, the student should then register for two successive terms of PHIL 0700 (normally during the winter and spring terms of their senior year). To receive honors, students must complete a two-term project resulting in a thesis or a set of thematically related papers, give an oral defense (according to departmental regulations), and receive for their work a minimum grade of B+. In addition, they must maintain their B+ average in courses in the department.

Required for the Joint Major: For the philosophy component of a joint major, students must (1) take eight philosophy courses, including (a) PHIL 0180, to be taken by the end of the sophomore year; (b) one 0400-level seminar to be taken in the last three semesters; (c) One course from the history requirement; and (d) one course from the distribution requirement (ESP

or ELMMS). Either PHIL 0150 or PHIL 0151 is also highly recommended, and, like PHIL 0180, should be taken early in the program whenever possible. In addition, students must (2) give evidence of having used the training in both major fields, usually in an independent project or thesis, but sometimes in a seminar paper. Joint majors are eligible for department honors, if they do a two-term thesis.

Required for the Minor: A total of six courses in philosophy, including PHIL 0180 and at least one course at the 0300 or 0400 level. Minors wishing to take a 0400-level seminar must have completed three other philosophy courses first. Enrollment priority in 0400-level seminars will be given to majors. Students electing the philosophy minor should arrange to have anadviser in the philosophy department.

B. Requirements for students entering the College in Fall 2015 or after

Required for the Major: Majors must complete no fewer than eleven courses in the department, to include:

1. Logic Requirement: PHIL 0180 (to be taken by the end of the sophomore year)
2. History Requirement (to be taken by the end of the junior year; students going abroad in their junior year should complete the History Requirement prior to departure):
   a. PHIL 0201 or CLAS/PHIL 0275 and
   b. PHIL 0250
3. Distribution Requirement:
   a. one course in Ethics and Social & Political Philosophy (ESP); and
   b. one course in Epistemology, Language, Metaphysics, Mind and Science (ELMMS).
4. Upper-level Course Requirement: Three courses at the 0300 or 0400 level, at least one of which must be a 0400-level course. (Students may count only one cross-listed 300-level course taught by faculty outside the Philosophy Department towards their upper-level course requirement.0400-level courses will not normally satisfy the distribution requirement. Courses taken while abroad will not generally be allowed to substitute for the required 0400-level course.)
5. Senior Independent Research Requirement
6. At least two other philosophy courses, in order to fulfill the eleven-course requirement.

Cognate courses may be substituted for no more than two departmental electives, but will not satisfy the departmental distribution requirement; such substitutions require the prior approval of a major's departmental adviser, and must be at the 0200-level or above.

Senior Independent Research Requirement: Majors must complete a one-semester independent research project (PHIL 0710) in the spring of their senior year. Topics and advisers will be decided through consultation with members of the department. PHIL 0710 includes participation in the senior project workshop held for all students completing their independent work.

Departmental Honors: Students will be awarded departmental honors if and only if they receive a) at least an A- average in courses counted toward the major, and b) an A- on their senior project. Students will be awarded high honors if and only if they receive a) at least an A- average in courses counted toward the major, and b) an A on their senior project.

Required for the Joint Major: For the philosophy component of a joint major, students must take nine philosophy courses, including

1. PHIL 0180, to be taken by the end of the sophomore year;
2. One 0400-level seminar to be taken in the last three semesters;
3. Three of the following:

    a. PHIL 0201 or CLAS/PHIL 0275
    b. PHIL 0250
    c. one course in Ethics and Social & Political Philosophy (ESP) and
    d. one course in Epistemology, Language, Metaphysics, Mind and Science (ELMMS)

4. A course in which the student completes a senior independent project that shows evidence of having integrated the training of both major fields. (Normally this course will be PHIL 0710, though other models may be appropriate.) The topicand scope of the independent project is to be determined in consultation with both major advisers.
5. At least three other philosophy courses, in order to fulfill the nine-course requirement.

Required for the Minor: A total of six courses in philosophy, including PHIL 0180 and at least one course at the 0300 or 0400 level. Minors wishing to take a 0400-level seminar must have completed three other philosophy courses first. Enrollment priority in 0400-level seminars will be given to majors. Students electing the philosophy minor are encouraged to consult with faculty members in the Philosophy Department about course planning.

PHIL 0150 Introduction to the Philosophical Tradition (Spring 2018)

This course will introduce students to fundamental philosophical issues concerning the nature of reality (metaphysics), the possibility of knowledge (epistemology), and the nature of value (ethical theory) through a reading of a number of important primary texts of thinkers such as Plato, Aristotle, Descartes, Hume, Kant, Kierkegaard, Mill, Nietzsche, and Freud. Cannot be taken by students with credit for PHIL 0151. 3 hrs. lect., 1 hr. disc. **EUR**, **PHL** *(M. Woodruff)*

PHIL 0151 Introduction to Philosophy: Mortal Questions (Fall 2017)

This course is an issue-based introduction to core philosophical questions such as the following: What is the nature of reality, and can we ever know it? What is the relation between mind and body, and could computers ever think? What is the nature of the self? Do humans have free will? Is there such a thing as an objective right and wrong? Can we say God exists in the face of all the evil in the world? Readings will be drawn from both traditional philosophers (e.g., Descartes, Hume, Locke, Russell) and contemporary reflections on the issues (e.g., Nagel, Searle, Williams). Cannot be taken by students with credit for PHIL 0150. 3 hrs. lect./1 hr. disc. **EUR**, **PHL** *(J. Spackman)*

PHIL 0156 Contemporary Moral Issues (Fall 2017)

We will examine a selection of pressing moral problems of our day, seeking to understand the substance of the issues and learning how moral arguments work. We will focus on developing our analytical skills, which we can then use to present and criticize arguments on difficult moral issues. Selected topics may include world poverty, animal rights, abortion, euthanasia, human rights, just and unjust wars, capital punishment, and racial and gender issues. You will be encouraged to question your own beliefs on these issues, and in the process to explore the limit and extent to which ethical theory can play a role in everyday ethical decision making. 2 hrs.lect./1 hr. disc. **PHL** *(S. Fesmire)*

PHIL 0180 Introduction to Modern Logic (Fall 2017, Spring 2018)

Logic is concerned with good reasoning; as such, it stands at the core of the liberal arts. In this course we will develop our reasoning skills by identifying and analyzing arguments found in philosophical, legal, and other texts, and also by formulating our own arguments. We will use the formal techniques of modern propositional and predicate logic to codify and test various reasoning strategies and specific arguments. No prior knowledge of logic, formal mathematics, or computer science is presupposed in this course, which does not count towards the PHL distribution requirement but instead towards the deductive reasoning requirement. PHIL 0180 is not open to students who have already taken PHIL 0280/LNGT0280. 3 hrs. lect./1 hr. disc. **DED** *(Fall 2017: K. Khalifa; Spring 2018: H. Grasswick)*

PHIL 0201 Ancient Greek Philosophy (Fall 2017)

This class introduces students to the range and power of Greek thought, which initiated the Western philosophical tradition. We will begin by exploring the origins of philosophy as found in myth (primarily Hesiod) and in the highly original speculation of the Pre-Socratic thinkers (such as Heraclitus and Parmenides). We will then focus on Socrates, Plato, and Aristotle, examining their transformations of these earlier traditions and their own divergent approaches to ethics and education. We will also consider the influences of Greek philosophy on later thought. 3 hrs. lect. **EUR**, **HIS**, **PHL** *(M. Woodruff)*

PHIL 0210 Contemporary Ethical Theory (Spring 2018)

In this course we will explore some major texts in recent moral and political philosophy. Our primary focus will be on twenty-first century issues and insights. We will attempt to formulate our own views on questions such as: Is substantive moral and political theory still possible? If so, what is justice? What actions, practices, or dispositions are good or bad, right or wrong, virtuous or vicious? Are a plurality of approaches to moral decision-making justified? Or should we strive for an approach that organizes moral cognition around a single supreme value, principle, standard, law, concept, or ideal? (Previous PHIL course or PSCI 0101 recommended, but not required.) 3 hrs. lect. **AMR**, **NOR**, **PHL** *(S. Fesmire)*

PHIL 0214 Science and Society (Fall 2017)

Scientific theories are not developed in a vacuum. Social circumstances influence the practice of science, and science, in turn, influences how we organize ourselves as a society. This course will investigate both directions of the relationship between science and society. We will ask such questions as: how do the values of society drive scientific research? What do we mean when we claim that science is 'objective' and what do we expect of an objective science? Can there be 'good' politically-motivated science, or does this conflict with the norms of 'good' science? How important is science as a way of bettering society? Do scientists bear an extra burden of responsibility when they generate scientific results of particular social significance (such as the development of the atomic bomb, or the development of techniques of cloning)? We will examine particular cases of socially significant scientific research, and we will consider larger philosophical questions concerning the status of science, given its interconnections with society. 3 hrs. lect. **PHL**, **SOC** *(H. Grasswick)*

PHIL 0233 Aesthetics (Spring 2018)

In this course we will investigate the nature of art and aesthetic experience through readings from historical and contemporary philosophers and artists. Is art essentially rational or non-rational, and can it offer a deeper insight into reality than discursive knowledge can? What is beauty, and is it essential to art? What is the relation between art and the ethical, the social, and the political? We will consider both influential traditional theories of art such as those of Plato, Aristotle, Kant, and Nietzsche, and more recent modern and postmodern critiques of traditional views. Readings will also include works by artists such as Van Gogh and Kandinsky. **ART**, **CW**, **EUR**, **PHL** *(J. Spackman)*

PHIL 0234 Philosophy and Feminism (Fall 2017)

This course will examine the contributions of various feminists and feminist philosophers to some of the central problems of philosophical methodology, epistemology, philosophy of science, metaphysics, and ethics. Are there gendered assumptions in operation in the way particular philosophical problems are framed? For example, do the politics of gender contribute to accounts of objective knowledge and rationality? Are some philosophical perspectives better suited to the goals of feminism than others? We will also examine the general relationship between feminism and philosophy, and we will reflect on the relevance of theorizing and philosophizing for feminist political practice. **CMP**, **CW**, **PHL** *(H. Grasswick)*

Cross-listed as: GSFS 0234

PHIL 0237 Chinese Philosophy (Fall 2017)

A survey of the dominant philosophies of China, beginning with the establishment of the earliest intellectual orientations, moving to the emergence of the competing schools of the fifth century B.C., and concluding with the modern adoption and adaptation of Marxist thought. Early native alternatives to Confucian philosophy (such as Mohism, Daoism, and Legalism) and later foreign ones (such as Buddhism and Marxism) will be stressed. We will scrutinize individual thinkers with reference to their philosophical contributions and assess the implications of their ideas with reference to their historical contexts and comparative significance. Pre-1800. 3 hrs. lect./disc. **AAL**, **HIS**, **NOA**, **PHL** *(D. Wyatt)*

Cross-listed as: HIST 0237 *

PHIL 0250 Early Modern Philosophy (Spring 2018)

This course offers an introduction to some of the most influential European philosophers of the 17th and 18th centuries: Descartes, Spinoza, Locke, Berkeley, Hume, and Kant. We will consider and critically examine the responses these thinkers gave to various questions in metaphysics and epistemology, including the following: What is the relationship between reality and our perception of reality? What is the nature of the mind and how is it related to the body? What is the nature of physical reality? Which of our beliefs, if any, do we have good reason to maintain in the face of radical skepticism? 3 hrs lect. **EUR**, **HIS**, **PHL** *(S. Fesmire)*

PHIL 0252 Philosophy of Mind (Spring 2018)

What is the nature of the mind, and how does it relate to the body and the physical world? Could computers ever think? Do animals have mental and emotional lives? This course will explore several of the major recent philosophical conceptions of the mind. A central focus will be on evaluating various attempts to explain the mind in purely physical terms, including the project of artificial intelligence (AI). Can these theories give us a complete understanding of the mind? Other key questions will include: What is the nature of thought, and how is it capable of representing the world? What is consciousness, and can it be explained physically? 3 hrs. lect./1 hr. disc. **PHL** *(J. Spackman)*

PHIL 0265 Theories of the Subject (Fall 2017)

In this course we will examine some of the most influential movements of 19th and 20th century European philosophy by enquiring into their respective critiques of the traditional epistemological conception of the subject, and into the plurality of approaches to ‘the question of subjectivity’ that emerged from those critiques. Some of the modules of the course will be: Descartes and the subject of knowledge; Marx and the subject of labor; Husserl and the subject of experience; Freud, Lacan, and the subject of desire; Nietzsche and the myth of the subject; de Beauvoir and the gendered subject. 3 hrs. lect. **PHL** *(D. Rodriguez-Navas)*

PHIL 0280 Logic and Formal Semantics (Spring 2018)

Using logical and mathematical tools, formal semantics answers the following questions: Why do sentences mean what they mean? How is reasoning possible? How does language structure our understanding of time, change, knowledge, morality, identity, and possibility? This course is well suited for students interested in computer science, linguistics, logic, mathematics, or philosophy. (Some prior familiarity with formal logic is recommended, but not required.) 2 hrs. lect./1 hr. disc **DED**, **PHL** *(K. Khalifa)*

Cross-listed as: LNGT 0280

PHIL 0305 Confucius and Confucianism (Spring 2018)

Perhaps no individual has left his mark more completely and enduringly upon an entire civilization than Confucius (551-479 B.C.) has upon that of China. Moreover, the influence of Confucius has spread well beyond China to become entrenched in the cultural traditions of neighboring Japan and Korea and elsewhere. This course examines who Confucius was, what he originally intended, and how the more important of his disciples have continued to reinterpret his original vision and direct it toward different ends. Pre-1800. (formerly HIST/PHIL 0273) 3 hrs. lect./disc. **AAL**, **CW** (5 seats), **HIS**, **NOA** (20 seats), **PHL** *(D. Wyatt)*

Cross-listed as: HIST 0305 *

PHIL 0319 Readings in the Philosophy of History (Spring 2018)

Even before the appearance of Georg W. F. Hegel's classic study The Philosophy of History, a heated debate was being waged concerning the nature and substance of history. Is history, like science, expressible in predictable patterns or subject to irrevocable laws? What factors distinguish true history from the mere random succession of events? What should we assume to be the fundamental nature of historical truth, and are we to determine it objectively or subjectively? Is it possible to be human and yet be somehow "outside of" history? These are among the questions we will examine as we read and deliberate on a variety of philosophies of history, while concentrating on the most influential versions developed by Hegel and Karl Marx. 3 hrs. sem. **CW** (5 seats), **EUR**, **HIS**, **PHL** *(D. Wyatt)*

Cross-listed as: HIST 0319 *

PHIL 0320 Seminar in Buddhist Philosophy: Yogacara Depth Psychology and Philosophy of Mind (Spring 2018)

In this seminar we will survey the basic ideas of Yogacara Buddhism (4-6th c. CE), one of two major schools of Indian Buddhism, in relation to cognitive science and philosophy of mind. We will examine these ideas historically, philosophically and comparatively. We focus on the Yogacara analyses of the largely unconscious ‘construction of reality’ and its systematic deconstruction through forms of analytic meditation. We will read primary and secondary texts on Indian Buddhism and texts espousing similar ideas in modern philosophy and the social and cognitive sciences. (one course on philosophy or RELI 0120, RELI 0220, RELI 0223, RELI 0224, RELI 0225, RELI 0226, RELI 0227or RELI 0228.) 3 hrs. sem. **AAL**, **PHL** *(W. Waldron)*

Cross-listed as: RELI 0320 *

PHIL 0330 Foucault: Autonomy in Power (Spring 2018)

In this course we will examine the philosophy of Michel Foucault in order to develop a deeper understanding of what it would be to live a genuinely free life. To this end, we will consider the three main phases of Foucault's career —corresponding to the analysis of discursive and epistemological practices, political and institutional practices, and ethical and spiritual practice— as successive stages of a lifelong systematic attempt to determine whether living freely requires breaking away from traditional ways of thinking and of being, and whether and how independent from tradition might be possible. 3 hrs. Sem. **PHL** *(D. Rodriguez-Navas)*

PHIL 0354 Philosophy of Language (Fall 2017)

Speaking a language is a complex form of behavior that plays a rich and varied role in human life. The philosophy of language seeks to give a philosophical account of this phenomenon, focusing on such questions as: How does language gain meaning? How does it differ from animal communication? Is language in some sense innate? Other topics to be addressed include: theories of reference and truth; the relation between language, thought, and reality; and theories of metaphor. Readings from philosophers and linguists will include works by Frege, Russell, Wittgenstein, Chomsky, and Pinker. (Previous course in philosophy or waiver; PHIL 0180 is also strongly recommended)3 hrs lect. **PHL** *(J. Spackman)*

Cross-listed as: LNGT 0354

PHIL 0356 Philosophy and the Environment (Fall 2017)

In this course, we will examine several environmental issues from a philosophical perspective. We will be interested in what arguments can be provided to support particular views, but more important, we will try to identify the deep philosophical issues that underlie particular debates. For example, what is the basis for our determinations of value? We will also examine the challenges that large scale environmental issues present for particular philosophical theories. For example, how well can particular ethical theories handle certain environmental problems? Topics may include animal rights, wilderness preservation, biodiversity, attitudes toward nature, over-population, and economic arguments for the protection of the environment. (Previous course in philosophy or waiver) 3 hrs.lect. **PHL** *(S. Fesmire)*

PHIL 0418 Nietzsche and Greek Thought: Tragedy and Philosophy (Fall 2017)

This seminar explores the profound influence Greek thought wielded upon Nietzsche. We will focus on Nietzsche's understanding of the complex relation between tragedy and philosophy: Greek tragedy is born out of the spirit of music and the twin deities of Apollo and Dionysus; it dies under attack from Socratic rationalism; but it reemerges when philosophy reaches its limits and yields to a tragic insight, as exemplified by the "music-making Socrates." We will ask how this artistic Socrates relates to Nietzsche's own tragic hero, Zarathustra, and why tragedy affirms life and overcomes pessimism. Readings selected from Aeschylus, Sophocles, Euripides, the Pre-Socratics, Plato, Aristotle, and Nietzsche. (Junior and senior majors, or by waiver) 3 hrs. sem. **EUR**, **PHL** *(M. Woodruff)*

PHIL 0434 Feminist Epistemologies (Spring 2018)

In recent years, feminist epistemologies, such as feminist standpoint theories and feminist empiricisms, have been extremely influential in developing social theories of knowledge. They have also served as a crucial intellectual tool for feminist theorists trying to understand the connections between social relations of gender and the production of knowledge and ignorance. In this course we will investigate some of the major themes and challenges of feminist epistemologies and feminist philosophies of science: How is knowledge socially situated? What does it mean to look at knowledge through a gendered lens? How is objective knowledge possible according to feminist epistemologies? We will work to understand the influence of feminist epistemologies in contemporary philosophy. We will also consider how feminist epistemologies have guided research on gendered and raced relations. (Approval required; Open to philosophy and GSFS senior and junior majors. GSFS majors must have previously taken GSFS 0320, or permission.) 3 hrs. sem. **CMP**, **PHL** *(H. Grasswick)*

Cross-listed as: GSFS 0434

PHIL 0500 Research in Philosophy (Fall 2017, Spring 2018)

Supervised independent research in philosophy. (Approval required).

PHIL 0700 Senior Thesis (Fall 2017, Spring 2018)

(Approval Required)

↑ Top

Physical Education

Physical education is a degree requirement. The physical education program concentrates on lifetime sports, so that all students leave Middlebury College with exposure to sports or recreational activities in which they have developed a degree of skill and interest, which will be an asset to them in later years. Each course carries one unit of physical education credit.

Before graduation, students must complete two different activities to receive the required two credits. Students are encouraged to complete the credits by the end of their fourth academic semester at Middlebury (excluding winter term). In the case of transfer students, students are encouraged to complete the requirement by the end of their second semester at Middlebury. Students who have not completed their requirement by the second semester of their senior year will not be eligible to graduate.

Students may use participation on varsity and junior varsity intercollegiate teams as a way of satisfying the physical education requirement. No more than one of the two physical education credits may be earned from participation in a single sport. Two-sport athletes may satisfy both physical education credits through participation on varsity and junior varsity intercollegiate teams.

The Physical Education Department also recognizes participation in five club sports. The five club sports that can receive a physical education credit are rugby, crew, water polo, aikido, and cricket, which have a coach on site for practices and games. In order to receive a physical education credit, students must participate in one full season of crew, rugby, water polo, or cricket. Students in aikido must attend 20 classes per semester. Each of these club sports will equal one physical education credit.

Students who wish to elect additional courses beyond those required for graduation may register with the department for the appropriate season and be scheduled for classes on a space-available basis. Some of the courses and activities follow:

Certification Courses (textbook and related fee applicable): Lifeguard Training, and First Aid/CPR.

Fee Classes: alpine skiing, kickboxing, martial arts, massage, meditation, horseback riding, scuba, nordic skiing, spinning, and yoga. Instructors outside of the College generally teach these courses. The fees and times are available during Banner web registration.

Equipment Sports (students provide equipment): tennis.

More Equipment Sports (department provides equipment): archery, badminton, fencing, golf, and squash.

Conditioning Courses: Resistance training, strength training, and swim for conditioning.

Dance Courses (as available): varying levels of ballet, jazz, and modern dance (DANC 0160, DANC 0161, DANC 0162, DANC 0260, DANC 0261, DANC 0276, DANC 0360, DANC 0361, DANC 0380, DANC 0381).

The department schedules two seasons of instructional courses in the fall and spring terms and

one season in the winter term. Registration is on a first-come, first-served basis and is open to students electing courses on a space-available basis. Students unaware of their physical education record should check with the Registrar's Offfice to ensure completion of their program prior to graduation. Applications for transfer credit must be made in advance, following college procedure for academic credit transfer. The Registrar's Office processes credits from transcripts for students transferring to Middlebury.

All requests for medical waivers must come from the student's physician. Injuries and illnesses suffered on campus will be considered as exceptions to the previous statement and will be handled by the College health center.

Upcoming Academic Year Dates (2016-2017)
Fall I: September 19 - October 21
Fall II: October 31 - December 9
Winter Term: January 9 February 3
Spring I: February 20 - March 24
Spring II: April 3 - May 5

↑ Top

Department of Physics

Physics is the fundamental science; it leads to our most basic understanding of the natural world and of human technological achievements. The physics program at Middlebury is designed to integrate physics into the liberal arts curriculum, as well as to provide challenging courses and research opportunities for students majoring in physics. Courses and student research activities in astronomy are also part of the physics program.

Courses designed especially for nonscience students are PHYS 0155 (Introduction to the Universe), PHYS 0101 (Physical Reality and Human Thought), PHYS 0104 (Chaos, Complexity, and Self-Organization), PHYS 0106 (Physics for Educated Citizens), and first-year seminars. Students majoring in the sciences in premedical and other professional programs, and others who desire a more analytical approach to physics, usually select courses from the introductory physics sequence PHYS 0109,PHYS 0110, and PHYS 0111. In addition, they may elect more advanced courses at the 0200-level or above.

For those majoring in physics, we offer a broad range of courses that emphasize a variety of topics in physics while building both theoretical understanding and experimental skills. Middlebury physics majors apply their education in a wide variety of careers. Some pursue graduate work in physics and related fields; others find their physics degrees valuable in engineering, medicine, business, law, teaching, government service, and other pursuits. The physics program is designed to serve the needs of both those intending advanced study in physics and those for whom formal work in physics will end with the Middlebury degree.

The physics department encourages its majors to study abroad to gain experience at international research facilities, learn different national styles of scientific practice, improve language proficiency, and pursue academic interests outside of physics. One upper-level physics course taken abroad may be eligible for physics course credit upon approval of the department chair; students are strongly encouraged to obtain this approval before going abroad.

Physics majors interested in obtaining high school physics teaching certification should notify the education studies program preferably no later than the middle of their sophomore year.

Required for the Major in Physics: The major program consists of eight required physics courses: PHYS 0109, PHYS 0110, PHYS 0111, PHYS 0201, PHYS 0202, PHYS 0212, PHYS 0301, and PHYS 0321; a minimum of three PHYS electives; and a one-term senior project (PHYS 0704). To be eligible for departmental honors, a student must also complete either a semester of senior thesis (PHYS 0705) or one additional elective beyond those required.

Electives must be chosen from physics courses at the 0200, 0300, or 0400 level, except that an upper-level physics course taken off campus or an advanced cognate course from another department at Middlebury may be used to satisfy one of the elective requirements. Acceptable cognate courses are CHEM 0351, CHEM 0355, CSCI 0202, and MATH 0335. For students completing double majors, courses counted towards another major cannot also be counted as electives toward the physics major. Mathematics at least through the level of MATH 0122 is also required; this requirement may be satisfied either at Middlebury or through appropriate pre-college courses in calculus. Independent study courses such as PHYS 0500 may not be used for elective credit. In addition to the courses listed below, PHYS courses that satisfy the elective

requirement are occasionally offered during the winter term.

Prospective majors must begin the physics sequence no later than the sophomore year. Starting in the first year allows more flexibility in the choice of courses and senior work. Students planning graduate work in physics or a related subject should elect as many as possible of, PHYS 0302 (Electromagnetic Waves), PHYS 0330 (Analytical Mechanics), PHYS 0350 (Statistical Mechanics), and PHYS 0401 (Quantum Mechanics). In addition, MATH 0200 (Linear Algebra), MATH 0223 (Multivariable Calculus), and MATH 0225 (Topics in Linear Algebra and Differential Equations) are strongly recommended for those anticipating graduate study. Most physics majors will find computer programming skills through the level of CSCI 0201 extremely valuable.

Senior Program: The senior project (PHYS 0704) involves a significant piece of experimental or theoretical research to be completed in the final year at Middlebury. Topics in recent years have included work in astrophysics, atomic and optical physics, biophysics, condensed matter physics, cosmology, environmental applications, laser spectroscopy, nuclear magnetic resonance, plasma physics, and quantum computing. Outstanding performance in PHYS 0704 may, with the permission of the advisor, allow continuation of the senior project as a senior thesis (PHYS 0705).

Departmental Honors: A minimum grade average of B in physics courses is required of all honors candidates. To be eligible for departmental honors, a student must also complete either a semester of senior thesis (PHYS 0705) or one additional elective beyond those required. Honors in physics are awarded on the basis of excellent senior work combined with depth and excellence of coursework in physics. A student's overall accomplishments in the department, including teaching assistantships and leadership, are also considered in the awarding of honors.

Beginning in Fall 2014, the Physics Department will no longer offer a minor.
Required for the Minor in Physics: The minor in physics consists of at least six PHYS courses, at least three of which must be at the 0200 level or above, and at least four of which must be taken at Middlebury College.

Pre-Engineering: Some students study physics with the intent of eventually doing engineering, either through a dual degree or in graduate school. Students who pursue a physics major en route to a 3-2 engineering degree (in which the Middlebury component is completed by the end of the junior year) take the same eight-course sequence outlined above, with one elective chosen from physics courses at the 0200, 0300, or 0400 level; they also must complete a one-unit senior project (PHYS 0704). Four-year pre-engineering students (those who return to Middlebury for the senior year) take the normal physics major and choose electives in consultation with the pre-engineering advisor.

Advanced Placement:Advanced Placement: Students who seek advanced placement in physics should take the College Board AP examinations. Credit for PHYS 0109 is given to students who achieve a score of 4 or 5 on the Physics C: Mechanics examination.

PHYS 0106 Physics for Educated Citizens (Fall 2017)

In this course for nonscience majors we will explore topics of current interest—climate change, energy resources, nuclear processes, radiation, satellite communication—and show how each is understood within the context of physics. Our resources will be a textbook, Physics and Technology for Future Presidents, and non-technical articles of your choosing. Our goals will be to develop a working knowledge of physics as it applies to important topics, to effectively communicate that knowledge through discussions and oral presentations, and to develop an understanding of how science is grounded in data and thoroughly intertwined with society. 3 hrs. lect./disc. **DED**, **SCI** *(P. Hess)*

PHYS 0109 Newtonian Physics (Fall 2017, Spring 2018)

This course examines motion as it occurs throughout the universe. Topics covered include inertia, force, Newton's laws of motion, work and energy, linear momentum, collisions, gravitation, rotational motion, torque, angular momentum, and oscillatory motion. Emphasis is on practical applications in physics, engineering, the life sciences, and everyday life. Laboratory work and lecture demonstrations illustrate basic physical principles. (MATH 0121 or MATH 0122 concurrent or prior; students who have taken high school calculus or other college calculus courses should consult with the instructor prior to registration) 3 hrs. lect/3 hrs. lab. **DED**, **SCI** *(Fall 2017: R. Wolfson; Spring 2018: P. Hess)*

PHYS 0110 Electricity and Magnetism (Fall 2017, Spring 2018)

The physical principles of electricity and magnetism are developed and applied to the electrical structure of matter and the electromagnetic nature of light. Practical topics from electricity and magnetism include voltage, current, resistance, capacitance, inductance, and AC and DC circuits. Laboratory work includes an introduction to electronics and to important instruments such as the oscilloscope. (PHYS 0109; MATH 0122 concurrent or prior) 3 hrs. lect./3 hrs. lab. **DED**, **SCI** *(Fall 2017: A. Goodsell; Spring 2018: C. Herdman)*

PHYS 0111 Thermodynamics, Fluids, Wave Motion, and Optics (Fall 2017, Spring 2018)

This lecture and laboratory course covers concepts from classical physics that are not included in PHYS 0109 and PHYS 0110, and that serve as a bridge between those two courses. Topics include thermal properties of matter, thermodynamics, fluid mechanics, wave motion, sound, and geometrical and physical optics. This course is strongly recommended for all students otherwise required to take PHYS 0109 and PHYS 0110 as part of a major or a premedical program, and is required for physics majors. (PHYS 0109, MATH 0121, or equivalent) 3 hrs. lect./3 hrs. lab. **DED**, **SCI** *(Fall 2017: S. Ratcliff; Spring 2018: M. Durst, A. Findlay)*

PHYS 0201 Relativity and Quantum Physics (Fall 2017)

This course probes a number of areas for which classical physics has provided no adequate explanations. Topics covered include Einstein's special relativity, quantization of atomic energy levels and photons, the atomic models of Rutherford and Bohr, and wave-particle duality. (PHYS 0109, PHYS 0110, MATH 0122) 3 hrs. lect. **DED**, **SCI** *(C. Herdman)*

PHYS 0202 Quantum Physics and Applications (Spring 2018)

This course introduces quantum theory and statistical mechanics, and explores the Heisenberg uncertainty principle, the Schrödinger wave equation, and wave mechanics. These techniques are then applied to atomic, molecular, nuclear, and elementary particle systems. (PHYS 0201; PHYS 0212 concurrent or prior) 3 hrs. lect. **DED**, **SCI** *(J. Dunham)*

PHYS 0212 Applied Mathematics for the Physical Sciences (Spring 2018)

This course concentrates on the methods of applied mathematics used for treating the partial differential equations that commonly arise in physics, chemistry, and engineering. Topics include differential vector calculus, Fourier series, and other orthogonal function sets. Emphasis will be given to physical applications of the mathematics. Both analytic and numerical methods are employed. This course is a prerequisite for all 0300- and 0400-level physics courses. (MATH 0122; PHYS 0110 concurrent or prior) 4.5 hrs. lect. **DED** *(N. Graham)*

PHYS 0221 Electronics for Scientists (Spring 2018)

An introduction to modern electronic circuits and devices, emphasizing both physical operation and practical use. Transistors and integrated circuits are considered in both analog and digital applications. Examples and laboratory experiments stress measurement and control applications in the physical and biological sciences. Students will gain hands-on familiarity with the design, use, and troubleshooting of electronic instrumentation. (PHYS 0110 or by waiver) 3 hrs. lect./3 hrs. lab. **DED**, **SCI** *(S. Ratcliff)*

PHYS 0301 Intermediate Electromagnetism (Fall 2017)

The unified description of electricity and magnetism is one of the greatest triumphs of physics. This course provides a thorough grounding in the nature of electric and magnetic fields and their interaction with matter. Mathematical techniques appropriate to the solution of problems in electromagnetism are also introduced. The primary emphasis is on static fields, with the full time-dependent Maxwell equations and electromagnetic waves introduced in the final part of the course. (PHYS 0110, PHYS 0201, PHYS 0212) 3 hrs. lect. *(A. Goodsell)*

PHYS 0321 Experimental Techniques in Physics (Fall 2017, Spring 2018)

This course will cover the design and execution of experiments, and the analysis and presentation of data, at an advanced level. Laboratory experiments will be chosen to illustrate the use of electronic, mechanical, and optical instruments to investigate fundamental physical phenomena, such as the properties of atoms and nuclei and the nature of radiation. Skills in computer-based data analysis and presentation will be developed and emphasized. This course satisfies the College writing requirement. (PHYS 0201 and PHYS 0202 and PHYS 0212; MATH 0200 recommended) 3 hrs. lect./3 hrs. lab. (Approval required) **CW** *(Fall 2017: M. Durst; Spring 2018: A. Goodsell)*

PHYS 0330 Analytical Mechanics (Spring 2018)

An intermediate-level course in the kinematics and dynamics of particles and rigid body motion. The topics will include: analysis and application of Newton's law of mechanics; the concepts of work, energy, and power; energy conservation; momentum and momentum conservation; torque, angular momentum, and angular momentum conservation; oscillatory motion; and central-force motion. Lagrange's and Hamilton's formulations of classical mechanics will be introduced with emphasis placed on developing problem-solving strategies and techniques. (PHYS 0109 and PHYS 0212, or by waiver; MATH 0200 recommended) 3 hrs. lect. *(S. Ratcliff)*

PHYS 0350 Statistical Mechanics (Fall 2017)

The course opens with a review of classical thermodynamics and continues with an examination of the fundamental concepts of probability, statistics, and distribution functions. These topics are followed by in-depth discussion of the concepts of energy, energy quantization, and the application of these concepts to the modeling of macroscopic systems. The remainder of the course is a study of statistical mechanics and its application to a variety of classical and quantum systems. Topics covered include statistical thermodynamics, Maxwellian distributions, imperfect gases, equipartition theorem, quantum statistics, heat capacities of solids, electromagnetic radiation, and ideal quantum gases. (PHYS 0202 and PHYS 0212) 3 hrs. lect. *(N. Graham)*

PHYS 0380 General Relativity (Spring 2018)

Among the forces of nature, gravity is both the most familiar and the least well-understood. A hundred years after it was formulated by Einstein, General Relativity remains our best fundamental theory of gravity. In this course we will see how gravity emerges from the geometry of curved spacetime and how this picture leads to phenomena such as black holes, gravitational waves, and the expansion of the universe. (MATH 0200, PHYS 0201, and PHYS 0212) 3 hrs. lect. **DED**, **SCI** *(N. Graham)*

PHYS 0401 Quantum Mechanics (Spring 2018)

A fundamental course in quantum mechanics aimed at understanding the mathematical structure of the theory and its application to physical phenomena at the atomic and nuclear levels. Topics include the basic postulates of quantum mechanics, operator formalism, Schrödinger equation, one-dimensional and central potentials, angular momentum and spin, perturbation theory, and systems of identical particles. (PHYS 0202 and PHYS 0212; MATH 0200 recommended) 3 hrs. lect. *(C. Herdman)*

PHYS 0500 Independent Study and Special Topics (Fall 2017, Spring 2018)

(Approval required)

PHYS 0704 Senior Project (Fall 2017, Spring 2018)

Independent research project culminating in both written and oral presentations. *(Fall 2017: M. Durst; Spring 2018: A. Goodsell)*

PHYS 0705 Senior Research and Thesis (Fall 2017, Spring 2018)

Independent research in the fall, winter, and spring terms culminating in a written thesis (two units total). (Approval required) *(J. Dunham, S. Ratcliff)*

↑ Top

Department of Political Science

Required for the Major in Political Science: A major must take ten regular political science courses. One of these ten must be an introductory course in the political theory subfield (PSCI 0101 or PSCI 0107). Two additional courses must be introductory courses in two of the three other subfields: American politics (PSCI 0102 or PSCI 0104); comparative politics (PSCI 0103); and international relations (PSCI 0109). These three required introductory courses should normally be completed before the end of the sophomore year. Among the ten total courses required for the major, the student must also fulfill the field distribution requirement, and complete the 0400-level seminar. At least seven of these ten courses, including the 0400-level seminar, must be taken at Middlebury College in Vermont. Students may count a maximum of one political science winter term course as one of the ten required courses for the major. Winter term courses may be used to fulfill the field distribution requirement.

The Field Distribution Requirement*:* All regular fall and spring term political science courses are classified in one of the following four fields: Political Theory, American Politics, Comparative Politics, and International Relations and Foreign Policy. Students must take at least two courses in any three of these fields and one course in the fourth field**.**

Senior Program*:* The senior program consists of a seminar of the major's choice. Each seminar includes advanced work appropriate to the field in which the seminar is offered. The seminars are the 0400-level courses offered by the department. Seminars are open to juniors and seniors. Normally, the senior program requirement must be completed by taking a seminar offered by a member of the Middlebury faculty. Work done in programs abroad, at other North American colleges and universities, or in the Washington Semester program will not count as the equivalent of a Middlebury seminar. IGST seminars co-taught by PSCI faculty cannot substitute for 0400-level PSCI seminars but will count as an elective towards the 10 required courses in PSCI.

Departmental Honors*:*Students who elect to seek departmental honors write a thesis in the senior year. All students who plan to write a thesis are strongly encouraged to enroll in PSCI 0368 before their senior year (and students writing a political theory thesis are encouraged to take a 0300-level theory course). Honors candidates should initiate the process by contacting their prospective faculty advisor during their junior year (including students who are abroad during their junior year). Candidates must submit an honors thesis proposal to their advisor prior to the term(s) in which the thesis is to be written. If the proposal is approved, the student may register for PSCI 0500 (independent project) in the first term of the thesis, followed by PSCI 0700 for the second and third terms. After an oral examination of the completed thesis, honors are conferred or denied on the basis of (1) the level of the grade achieved on the thesis; and (2) the level of the average grade received in other fall and spring courses taken at Middlebury. Courses taken abroad do not count toward the grade point determination. Honors theses candidates will have a political science course average of at least 3.33 and a thesis grade of B+ or higher to attain honors; a political science course average of at least 3.50 and a thesis grade of A- or higher to attain high honors; and a political science course average of at least 3.67 and a thesis grade of A to attain highest honors. (For a full description of regulations, pick up a copy of Honors Theses Procedures and Regulations in Munroe 213 or check the PSCI web page atwww.middlebury.edu/academics/ps/requirements)/thesesproceduresandschedule.

***Independent Study**:* Students with demonstrated preparation and proficiency in the field may elect independent study projects (PSCI 0500). These projects are prepared under the supervision of a member or members of the department. The PSCI 0500 projects may not be substituted for the seminar requirement. The PSCI 0500 projects are reading and research courses; the department will not award PSCI 0500 credit for political experience such as congressional internships.

Joint Majors: Students wishing to do a joint major in political science and another department or program of studies must take eight regular political science courses. One of these eight must be an introductory course in the political theory subfield (PSCI 0101 or PSCI 0107). Two additional courses must be introductory courses in two of the three other subfields: American politics (PSCI 0102 or PSCI 0104); comparative politics (PSCI 0103); and international relations (PSCI 0109). These three required introductory courses should normally be completed before the end of the sophomore year. Among the eight total courses required for the major, the student must also take at least two courses in any two of the four fields of political science and one course in the third and fourth fields and complete a 0400-level seminar. Students must also give evidence of having used the training in both majors, usually in a seminar paper, but sometimes in an independent project or thesis. At least five courses including the 0400-level seminar must be taken at Middlebury College in Vermont. Students may count a maximum of one political science winter term course as one of the eight required courses for the joint major. Winter term courses may be used to fulfill the field distribution requirement. Joint majors do not qualify for honors in political science. (Double majors are eligible.)

***International Politics and Economics Major**:* The IP&E major allows students to combine the study of politics, economics, and languages, linking these disciplines with an appropriate experience abroad. Students wishing to pursue this major should refer to International Politics and Economics in both the General Catalog and the on-line catalog.

***International and Global Studies Major**:* IGS seminars co-taught by PSCI faculty cannot substitute for 0400-level PSCI seminars, In addition, it is highly recommended that IGS thesis candidates enroll in PSCI 0368 before their senior year.

***Minors in Political Science**:* The minor in political science will consist of five regular fall or spring term courses taken at Middlebury College, which must come from at least two of the four fields in the department. At least one of the courses must be at the 0300-level or above. The five course requirement will not be reduced by AP credits.

***Advanced Placement**:* A score of 4 or 5 on the College Board Advanced Placement Examination in American politics will entitle the student to exemption from PSCI 0104; such a score may satisfy the requirement of one course in the American politics field. A score of 4 to 5 on the College Board Advanced Placement Examination in comparative politics will entitle the student to exemption from PSCI 0103; such a score may satisfy the requirement of one course in the comparative politics field. While supplying two college credits, advanced placement in both American politics and comparative politics will only count as one of the ten courses required for the political science major. Students will also receive only one distribution credit for AP courses, and notwithstanding the distribution credit, all students must take at least one course in each subfield.

PSCI 0101 Introduction to Political Philosophy (Fall 2017, Spring 2018)

What is politics? What is the purpose of politics? Is there a best regime? Is it attainable? What is justice? What is the good life? How is each related to political life? Is there a science of politics? In this course, we will raise these and other fundamental questions through a study of major ancient and modern works of political philosophy. Authors may include Plato, Aristotle, Augustine, Machiavelli, Hobbes, Locke, Montesquieu, Rousseau, Constant, Tocqueville, Mill, Marx, and Nietzsche. 4 hrs. lect./disc. (Political Theory) **EUR**, **PHL**, **SOC** *(Fall 2017: M. Dry; Spring 2018: J. Harpham)*

PSCI 0102 The American Political Regime (Spring 2018)

This is a course in American political and constitutional thought. The theme, taken from de Tocqueville's Democracy in America, is the problem of freedom. The first half covers the American founding up through the Civil War and the "refounding." This includes de Tocqueville, Madison's Notes on the Debates in the Federal Convention, the Federalist-Anti-Federalist ratification debate, Supreme Court decisions (Marbury, McCulloch), writings of Jefferson, Calhoun, and Lincoln. The second half considers basic problems in American politics, such as race, gender, foreign policy, and education. Readings include a novel, *de Tocqueville*, and Supreme Court decisions (Brown, Frontiero, Roe, Casey, Grutter, Lawrence). 4 hrs. lect./disc. *(American Politics)/* **AMR**, **NOR**, **SOC** *(M. Dry)*

PSCI 0103 Introduction to Comparative Politics (Fall 2017, Spring 2018)

This course offers an introduction to the comparative study of political systems and to the logic of comparative inquiry. How are different political systems created and organized? How and why do they change? Why are some democratic and others authoritarian? Why are some rich and others poor? Other topics covered in this course include nationalism and political ideologies, forms of representation, the relationship between state institutions and civil society, and globalization. The goal in this course is to use comparative methods to analyze questions of state institutions -- how they arise, change, and generate different economic, social, and political outcome. 3 hrs. lect./disc. *(Comparative Politics)* **CMP**, **SOC** *(Fall 2017: S. Gumuscu, J. Teets; Spring 2018: E. Bleich)*

PSCI 0104 Introduction to American Politics (Fall 2017, Spring 2018)

This course introduces the institutions and practices of American government and politics. The aim is to give students a firm understanding of the workings of and the balance of power among the American Congress, President, bureaucracy, and court system. We begin with the Constitution, which provides the set of founding principles upon which the American government is based. We then look at how American citizens make decisions about politics. Finally, we examine how political institutions, interest groups, parties, elections, and legislative bodies and rules aggregate diverse, often conflicting preferences and how they resolve or exacerbate problems. 3 hrs. lect./disc. *(American Politics)/* **AMR**, **NOR**, **SOC** *(Fall 2017: B. Johnson; Spring 2018: M. Dickinson)*

PSCI 0109 International Politics (Fall 2017, Spring 2018)

What causes conflict or cooperation among states? What can states and other international entities do to preserve global peace? These are among the issues addressed by the study of international politics. This course examines the forces that shape relations among states, and between states and international regimes. Key concepts include: the international system, power and the balance of power, international institutions, foreign policy, diplomacy, deterrence, war, and global economic issues. Both the fall and spring sections of this course emphasize rigorous analysis and set theoretical concepts against historical and contemporary case studies. 3 hrs. lect./disc. *(International Relations and Foreign Policy)/* **CMP**, **SOC** *(Fall 2017: F. Grey, M. Williams; Spring 2018: K. Fuentes-George)*

PSCI 0202 African Politics (Fall 2017)

This course surveys the challenges and possibilities that Sub-Saharan Africa presents in our era of globalization. We will look at the process of state formation to appreciate the relationships between historical legacies and political and economic development. Themes include state formation, democratic governance, sustainable development, and Africa in world affairs. Topics such as colonial rule and national responses, authoritarian rule, ethnic politics, the debt burden, the HIV/AIDS pandemic, and natural resource politics will be discussed. Case studies from English-, French-, and Portuguese-speaking Africa will be used to illuminate such relationships. 3 hrs lect/disc. *(Comparative Politics)/* **AAL**, **SAF**, **SOC** *(N. Horning)*

PSCI 0208 The Politics of the U.S. Congress (Fall 2017)

Introduces students to the analysis of Congress and congressional policy-making. Considers how congressional elections, institutions, and policy hang together roughly in equilibrium. Focuses on the internal organization of Congress-committees, parties, House and Senate leadership, rules and norms, and congressional staff. Analyzes the power of Congress relative to the president, the bureaucracy, and the courts, specifically in the policy process. Investigates how unified and divided party control of the government affects legislation in the House and Senate. Finally, applies congressional theories to determine the fates of specific policy proposals in Congress. (PSCI 0102 or PSCI 0104 or waiver) 3 hrs. lect./disc. *(American Politics)/* **AMR**, **NOR** *(M. Dickinson)*

PSCI 0214 International Environmental Politics (Fall 2017)

What happens when the global economy outgrows the earth's ecosystem? This course surveys the consequences of the collision between the expanding world economy and the earth's natural limits: shrinking forests, falling water tables, eroding soils, collapsing fisheries, rising temperatures, and disappearing species. We will examine how countries with different circumstances and priorities attempt to work together to stop global environmental pollution and resource depletion. 3 hrs. lect./disc. *(International Relations and Foreign Policy)/* **CMP**, **SOC** *(K. Fuentes-George)*

PSCI 0215 Federalism, State and Local Politics (Spring 2018)

What are the unique political opportunities and constraints facing state and local governments? How have these changed over time? In this course we examine the relationships between different levels of government in the U.S. federal system, considering the particular tasks and dilemmas facing states and cities, and scrutinizing the complex interactions between governments that characterize federalism in the United States. Topics include local political culture, intergovernmental grants, state parties, and state political economy. Vermont, New York, and California will receive special scrutiny. 3 hrs. lect./disc. *(American Politics)/* **AMR**, **NOR**, **SOC** *(B. Johnson)*

PSCI 0217 Politics of the Middle East and North Africa (Spring 2018)

This course is an introduction to important themes, concepts, and cases in the study of Middle Eastern and North African politics. We will examine key political issues in the region, focusing primarily on developments since World War II and issues of relevance to the region today. For the purposes of this course, the region is defined as the countries of the Arab world, Israel, Turkey, and Iran. The first half of the course introduces major themes in Middle Eastern politics. These include state development, nationalism, revolution, authoritarian rule, the petro-state, the Arab-Israeli conflict, conflicts in the Persian Gulf, civil conflict, the rise of Islamism, and attempts at liberal reform. The second half of the course examines how these themes have affected political development in a number of key cases. Primary cases include Egypt, Israel, Iran, Morocco, Turkey, Saudi Arabia, and Iraq. Students will have the opportunity to individually assess other countries of personal interest in the region. 3 hrs. lect./disc. *(Comparative Politics)/* **AAL**, **MDE**, **SOC** *(S. Gumuscu)*

PSCI 0221 Contemporary Chinese Politics (Spring 2018)

This introductory course provides students with a background in how the party-state political system functions, and then investigates the major political issues in China today. We will focus first on economic reform issues, such as income inequality, the floating population, and changes in the socialist welfare model, and then on political reform issues, such as the liberalization of news media, NGO and civil society activity, protest and social movements, environmental protection, and legal reform. China is a quickly changing country, so students will focus on analyzing current events but also have an opportunity to explore a topic of interest in more detail. 3 hrs. lect./disc. *Comparative Politics* **AAL**, **NOA**, **SOC** *(J. Teets)*

PSCI 0222 Political Economy of the Middle East (Spring 2018)

In this course we will study the political economy of the Middle East. More specifically, we will examine the regional mechanisms of production/distribution of resources as well as their political consequences. Questions to be addressed include: What are the causes of economic development and underdevelopment in the region? What is the role of the state, social classes, religion, and factor endowments in regional development? What are the political ramifications of the resource curse? Main themes of the course include state-business relations and crony capitalism, the military-industrial complex, rentier states, human development, unemployment and inequality in the context of the Middle East. 3 hrs. lect. **AAL**, **MDE**, **SOC** *(S. Gumuscu)*

PSCI 0223 Populism and Democracy (Spring 2018)

Democracy may be government of the people, by the people, for the people. But at times throughout American history, the people (or some segment of them) have believed that their government was not for them. Today we call them populists. They have been at once rooted in the ideals of democracy and critical, even contemptuous, of democratic politics. In this course we will read what populists wrote to see who they were: Antifederalists, Tocqueville, proponents of Jacksonian Democracy, the great Agrarians at the turn of the twentieth century, Jane Addams and Huey P. Long and John Steinbeck, and—inevitably—Trump. *(Political Theory)* 3 hrs. lect. **AMR**, **HIS**, **NOR**, **SOC** *(J. Harpham)*

PSCI 0224 Tragedy and Order in Classical Political Thought (Fall 2017)

The world of ancient Athens is at once inescapably remote and enduringly familiar. It is the setting in which the Western tradition of political thought began. As we do today, its greatest authors struggled at once to probe the sources of chaos and tragedy and to imagine in their midst the conditions of lasting political order. In this course we will read closely the *Iliad* of Homer, the *History of Thucydides*, selected tragedies of Sophocles and Euripides, the *Republic* of Plato, and the *Politics* of Aristotle. *(Political Theory)* 3 hrs. lect. **EUR**, **PHL**, **SOC** *(J. Harpham)*

PSCI 0233 Globalization: Change and Continuity (Spring 2018)

In this course we will examine globalization and the extent to which it is causing change, yet perpetuating some patterns in the international system. We will delve into the different views of globalization, distinguishing it from liberalization, Westernization and Americanization. We will explore cultural identities and distinctiveness, national sovereignty, transnational institutions, and power. We will also discuss widening global inequality and impoverishment, as well as how different genders are affected. We will approach these topics from individual, local and global perspectives. 3 hrs. lect./disc. *(International Relations and Foreign Policy)/* **CMP**, **HIS**, **SOC** *(F. Grey)*

PSCI 0239 The Future of Great Power Relations (Spring 2018)

Will America's global preeminence endure in the 21st century? Will Russia, Japan, and the European Union decline while other powers grow more influential? In this course we will explore the future global balance of power and prospects for cooperation and conflict among the world's great powers. Topics include the rise of Brazil, China, and India; the changing nature of American power; the causality of global power shifts and their implications for cooperation or competition on issues such as energy security, cyber security, nuclear nonproliferation, UN Security Council reform, intervention in the Middle East, and Sino-American relations. (PSCI 0109) 3 hrs. sem. *(International Relations and Foreign Policy)/* **AAL**, **CMP**, **SOC** *(M. Williams)*

PSCI 0246 American Slavery, American Freedom (Fall 2017)

In this course we will explore the antagonism and entanglement of slavery and freedom, the two most powerful ideas in American political thought, with a focus on the period from the Declaration of Independence to the Progressive Era. Readings will draw on a range of genres including, judicial decisions, imaginative literature, presidential addresses, canonical works of political theory. Special emphasis will be placed on the writings of African Americans and on the genre of autobiography, as one in which the classic American negotiation between slavery and freedom is often performed with particular poignancy in the course of an individual life. *(Political Theory)* 3 hrs. lect. **AMR**, **HIS**, **NOR**, **SOC** *(J. Harpham)*

PSCI 0258 The Politics of International Humanitarian Action (Fall 2017)

Humanitarian intervention has emerged as a new moral imperative that challenges traditional concepts and practices in international relations. In this course we will consider how a range of actors--international organizations, states, NGOs--understand the concept of humanitarian intervention and engage (or not) in humanitarian actions. We will examine a variety of policy choices, including aid and military intervention, through case studies, including Somalia, Kosovo, and Rwanda. The goal of the course is to enable students to assess critically the benefits and challenges of a humanitarian approach to global politics. 3 hrs. lect./disc. *(International Relations and Foreign Policy)/* **AAL**, **CMP**, **SOC** *(S. Stroup)*

PSCI 0286 Authoritarian Politics (Fall 2017)

The purpose of this course is to examine the characteristics and dynamics of non-democratic regimes. First, we will define autocracy and consider different forms of authoritarianism and how their leaders come into power. Next, we will investigate why some authoritarian regimes are able to sustain their rule while others collapse. Finally, we will explore how citizens of these regimes bolster, comply with, or revolt against their governments. Throughout the course, adopting a comparative standpoint, we will draw on various country cases. *(Comparative Politics)/* **CMP**, **SOC** *(J. Teets)*

PSCI 0304 International Political Economy (Fall 2017, Spring 2018)

This course examines the politics of global economic relations, focusing principally on the advanced industrial states. How do governments and firms deal with the forces of globalization and interdependence? And what are the causes and consequences of their actions for the international system in turn? The course exposes students to both classic and contemporary thinking on free trade and protectionism, exchange rates and monetary systems, foreign direct investment and capital movements, regional integration, and the role of international institutions like the WTO. Readings will be drawn mainly from political science, as well as law and economics. (PSCI 0109) 3 hrs. lect./disc.
(International Relations and Foreign Policy)/ **SOC** *(Fall 2017: F. Grey; Spring 2018: S. Stroup)*

PSCI 0305 American Constitutional Law: The Federal System (Fall 2017)

This course examines the development of American constitutionalism through study of Supreme Court decisions. Every major topic but the bill of rights (see PSCI 0306) is covered. Using the Sullivan and Gunther Constitutional Law casebook, we begin with judicial review and then study the development of legal doctrines surrounding the commerce clause, the due process and equal protection clauses of the fourteenth amendment, and the separation of powers. Recent cases focus on affirmative action and federal protection of civil rights. Interpretive books and essays are considered, as time permits. A mock court exercise is anticipated. (Juniors and seniors with PSCI 0102 or PSCI 0104 or PSCI 0306) 3 hrs. lect./disc. *(American Politics)/* **AMR**, **NOR** *(M. Dry)*

PSCI 0312 Bureaucracy (Fall 2017)

How did 9-11 happen? Why did the U.S. believe Iraq possessed weapons of mass destruction? What went wrong with relief efforts in the aftermath of Hurricane Katrina? Answering these questions requires an understanding of bureaucracies in the American political context -- the subject of this course. It begins with an overview of the nature of bureaucracies and theories for their formation, followed by an examination of bureaucratic actors (managers, operators, and executives) and the context within which they work. It concludes with an attempt to assess bureaucratic effectiveness. Case studies of particular bureaucracies, including those involved in the War on Terror, Iraq and Hurricane Katrina, are included to sharpen analyses. 3 hrs. lect./disc. *(American Politics)/ (M. Dickinson)*

PSCI 0326 The Media and Minorities (Spring 2018)

In this course we use techniques developed by Middlebury's Media Portrayals of Minorities Project lab to examine how the media portray identifiable groups. These techniques enable quantitative and qualitative analysis of digital news to better understand how different types of groups--such as, for example, immigrants, refugees, Muslims, Jews, Latinos, Chinese, Africans, or others--have been portrayed in the US and international media. Students in this class will contribute to ongoing publication projects of the lab, and will have the opportunity to pursue their own research topics. Student projects will culminate in research papers that may form the basis for further independent work or for senior theses. 3hrs. seminar (Comparative Politics) (Approval Only) **DED**, **SOC** *(E. Bleich)*

PSCI 0335 Latin American Revolutions (Fall 2017)

This course examines the causes, goals, and outcomes of revolutions in twentieth-century Latin America, with special reference to Mexico, Cuba, Venezuela, Chile, and Nicaragua. It seeks to understand (1) why this region has experienced multiple revolutions; (2) what their political, economic, or social impact has been; (3) why revolutions produced authoritarian, socialist, dictatorial, or democratic outcomes across countries; and (4) what factors have kept revolutionaries from achieving their political, social, or economic goals. Evaluation entails rigorous application of theory to in-depth case studies. 3 hrs. lect./disc. *(Comparative Politics)/* **AAL**, **AMR**, **SOC** *(M. Williams)*

PSCI 0340 International Order and Organization: Theories and Practice (Spring 2018)

In this course we will study the organization of global politics in the 20th century and beyond. Using both "secondary" and "primary" perspectives, we will evaluate some of the key mechanisms by which international relations are supposed to have been ordered—international institutions (like the World Bank), international organizations (like the United Nations), and international norms (like human rights). Students will develop greater knowledge of the evolution of the international system and refine their tools for analyzing international organization. 3 hrs. sem. (International Relations and Foreign Policy) **CMP**, **SOC** *(S. Stroup)*

PSCI 0368 Frontiers in Political Science Research (Fall 2017)

Nothing is more controversial among political scientists than the topic of how to study politics. In this course, we consider a variety of advanced techniques for studying political phenomena, including statistical methods, game theory, institutional analysis, case study techniques, experiments, and agent-based modeling. We will work with concrete examples (drawn from major political science journals) of how scholars have used these techniques, and consider the ongoing philosophical controversies associated with each approach. Students will have the opportunity to conduct original research using a method and subject of their choosing. (Two political science courses) 3 hrs. lect.disc. *(Political Theory)/* **DED**, **SOC** *(B. Johnson)*

PSCI 0392 Insurgency and Security Policy (Spring 2018)

In the post-Cold War era insurgency is the predominant form of conflict and now tops the list of major security concerns. Understanding the origins and tactics of insurgency in cases around the world in comparative perspective allows students to develop nuanced analyses of how security strategy should be improved to combat emergent non-state threats. How have insurgent tactics evolved in response to changing military, political, technological, and geographical conditions? What are the implications for international intervention and homeland security policy? This course brings Middlebury and Monterey students together in pursuit of this broad policy objective. Note: To align the Middlebury and MIIS schedules, Middlebury students will need to begin their coursework prior to the end of Winter Term, and will need to be available to meet during the course's non-standard time. 4 hrs. lect./disc. *(International Relations and Foreign Policy)/* **CMP**, **SOC** *(O. Lewis)*

PSCI 0426 Health, Food, and Poverty: Critical Frameworks for Social Change (Spring 2018)

Concerns around food, health, and poverty often intersect around the world, and pose shared challenges for countries in how to address them. What frameworks might maximize social impact in addressing such complicated global concerns? In this capstone course for students interested in privilege and poverty, global health, and food studies, we will critically examine a variety of frameworks for social impact, including solidarity, responsibility, development, aid, and entrepreneurship. Our examination of these frameworks will necessarily involve critical comparisons among the countries in which they have been employed. We will identify goals, strategies, and assumptions within each framework, as well as our role in social transformation in conjunction with other actors. Students will engage in interdisciplinary theoretical analysis and employ one or more frameworks to develop a proposal for a project on social change. (By approval only.) 3 hrs. Sem *(Comparative Politics)/* **CMP**, **SOC** *(J. Teets, P. Berenbaum)*

Cross-listed as: INTD 0426

PSCI 0428 Dictators and Democrats (Spring 2018)

In this course we will explore the processes through which charismatic individuals create, use, transform, or circumvent state institutions to seize and maintain political power. We will examine individual, national, and international factors that propel dictators and democrats to leadership positions. We will also look at the historical context and personal circumstances leading to leaders' demise, sometimes resulting in regime change. Cases from Africa, America, Asia, and Europe will help students describe, classify, explain, and predict leadership outcomes *(Comparative Politics)* 3 hrs. Sem. **CMP**, **CW** (5 seats), **SOC** *(N. Horning)*

Cross-listed as: IGST 0428 *

PSCI 0429 Seminar on the U.S. Congress (Spring 2018)

The U.S. Congress is the most powerful political institution in the nation, and one of the least popular. To understand why, this course examines theories of representation and how they relate to the contemporary Congress; the historical development and institutionalization of the Congress; the roles of parties, candidates, media, and money in Congressional elections; the legislative process, including roles of committees, interest groups, parties, congressional leaders, and presidents; the impact of representational and policy-making processes on the nature of legislation enacted by Congress; and Congress in comparative perspective. (Open to junior and senior majors) 3 hrs. sem. *(American Politics)/ (M. Dickinson)*

PSCI 0432 The World Trading System (Spring 2018)

In this course we will examine the multilateral attempts to have more open, equitable, and predictable trade across borders. We will focus on principles of non-discrimination through most-favored-nation (MFN) and national treatment, and trade remedies such as antidumping, countervailing duties, and safeguards. Students will be exposed to debates about free and fair trade, preferential trading agreements, recourse to dispute settlement, and the varied challenges that economies at various stages of development face as they trade with each other. Readings will be drawn mainly from political science, economics, and international trade law. (PSCI 0109 or PSCI 0304 or PSCI 0340) 3 hrs. sem. *(International Relations and Foreign Policy)/* **SOC** *(F. Grey)*

PSCI 0438 Political Islam (Fall 2017)

In this course we will survey the central questions in studies of political Islam, focusing on the emergence of Islam as a political force in the contemporary period. Discussion will center on the following core topics: (1) the nature of political Islam and Islamic interests; (2) how Islamic political movements develop; (3) why Islamic political movements flourish or fail; (4) how Islamic interests are expressed in the political arena; and (5) what types of political systems are most compatible with politicized Islam? These questions will be addressed by looking at the general history of the contemporary Islamic resurgence and by examining case studies on Egypt, Algeria, Iran, Afghanistan, Turkey, West Africa, and Southeast Asia. 3 hrs. sem. *(Comparative Politics)/* **AAL** *(S. Gumuscu)*

PSCI 0452 Ecocriticism and Global Environmental Justice (Spring 2018)

Many global environmental problems—climate change, biodiversity, deforestation, clean water, and transboundary waste movement—are ineffectively managed. In this course we will take a critical look at these failures and ask: do existing norms and attitudes make effective, sustainable environmental management more difficult? In doing so, we will examine institutions and phenomena such as the sovereign nation-state, free market capitalism, and the authority of scientific knowledge. We will ask whether sustainable management is compatible with these institutions and phenomena, or whether they contribute to environmental injustice, racism, political marginalization, and gender and class inequity by studying contemporary and historic examples. 3 hrs. sem. *(International Relations and Foreign Policy)/ (K. Fuentes-George)*

PSCI 0465 City Politics (Spring 2018)

Cities have always been central to political life in the United States, but scholars disagree over how power is distributed in cities, which groups exercise the most authority, how cities relate to their economic and political environments, and whether it is legitimate to view cities as microcosms of state or national politics. We will consider these general debates as we read major works on U.S. urban politics, addressing issues such as racial and ethnic politics, immigration, suburbanization, and cities' positions in the global economy. (PSCI 0102 or PSCI 0104) 3 hrs. sem. *(American Politics)/ (B. Johnson)*

PSCI 0482 Private and Public Governance in an Era of Globalization (Fall 2017)

Although the study of international affairs has traditionally focused on states, other actors play important roles in governance. Working alongside the public sector, private actors bring innovative approaches and substantial resources to social problems, but effective collaboration between public and private actors remains elusive. In this seminar we will examine general theories of private and public governance, followed by specific discussion of issues such as economic development, environmental protection, and public health. *International Relations* **CMP**, **SOC** *(S. Stroup)*

PSCI 0483 The Rise of Asia and US Policy (Fall 2017)

In this course we will study what is arguably the most important strategic development of the 21st century: how the rise of Asia presents security challenges to the region and the United States. Drawing from international relations scholarship, the course will focus on foreign policy challenges and potential responses. These challenges include both traditional security and nontraditional areas such as water and the environment. We will integrate the analysis of these issues in South, East, and Southeast Asia with study of the policy process, in part through simulations and role-playing exercises. This course is equivalent to IGST 0483. 3 hrs. sem. *(Comparative Politics)/* **AAL**, **CMP**, **NOA**, **SOC** *(O. Lewis, J. Lunstead)*

Cross-listed as: IGST 0483 *

PSCI 0484 The Political Economy of Regionalism (Fall 2017)

In this course we will address the political economy of regionalism in a variety of national and regional contexts. We will consider both integration projects—such as the European Union and South America’s Mercosur—as well as subnational local autonomy movements, such as those in Catalonia and Scotland. We will study theories of integration as well as case studies from Europe, Latin America, Asia, and Africa, focusing on the political and economic forces driving both integration and disintegration in their historical and contemporary contexts. We will also consider how globalization affects regional integration projects. *(Comparative Politics)* 3 hrs. sem. **AAL**, **CMP**, **SOC** *(J. Cason)*

Cross-listed as: IGST 0484 *

PSCI 0500 Independent Projects (Fall 2017, Spring 2018)

A program of independent work designed to meet the individual needs of advanced students. (Approval required)

PSCI 0700 Honors Thesis (Fall 2017, Spring 2018)

(Approval required)

↑ Top

Department of Psychology

Department of Psychology

The Department of Psychology at Middlebury College has a strong commitment to the scientific study of human mental processes, emotions, and behavior. In keeping with this philosophy, the department offers a broad range of courses that provides students with the opportunity to learn about basic research and its applications in a variety of areas, including social, cognitive, behavioral, cultural, clinical, environmental, educational, biological, and developmental psychology.

Requirements for the Major in Psychology: The psychology major consists of a minimum of 10 courses in five categories: (I) Foundation courses, (II) Core courses, (III) Labs, (IV) Advanced seminars, and (V) Electives.

***I. Foundation courses*:** The foundation courses provide students an overview of the field, the background, and the skills necessary to understand psychology as an empirical science. The required foundation courses are Introduction to Psychology (PSYC 0105) and the Statistics/Research Methods sequence (PSYC 0201 and PSYC 0202). Most students complete the Statistics/Research Methods sequence by the end of their sophomore year, but no later than the end of their junior year.

***II. Core courses*:** All students must complete at least three core courses, one each from three of the five areas below. Core courses ensure that students have a broad understanding of various subfields within the discipline. Students are strongly encouraged to complete core courses no later than the end of their junior year.

We offer core courses in the following areas:

- ***Clinical*:Psychological Disorders (PSYC 0224)**
- ***Cognitive*:Cognitive Psychology (PSYC 0227--*formerly PSYC 0305*)**
- ***Developmental*:Adolescence (PSYC 0216) or Child Development (PSYC 0225)**
- ***Physiological*:Physiological Psychology (PSYC 0226--*formerly PSYC 0301*)**
- ***Social/Personality*:Social Psychology (PSYC 0203) or Personality Psychology (PSYC 0204)**

III. Labs: All students must take at least one course with a lab section in addition to Psychological Statistics and Research Methods in Psychology. The lab course may also fulfill another course requirement simultaneously (e.g., a core or an elective course). Lab courses are designated as such in the course descriptions. For 2017-18, these are PSYC 0226, PSYC 0227, and PSYC 0320.

IV. Advanced seminars: Each student must take one advanced seminar (0400-level course) in psychology. Advanced seminars in psychology emphasize the synthesis and integration of theory; these may be taken during junior and/or senior years.

***V. Electives*:** Finally, students must choose any three additional courses from the psychology curriculum, including winter term. In addition to regular content courses, PSYC 0350, PSYC 0500, PSYC 0700, or the PSYC 0701/0702/0703 sequence may be used to satisfy one of the elective requirements.

Requirements for the Minor in Psychology: To earn a minor in psychology students need to complete five psychology courses, including the following:

- PSYC 0105
- Two foundation/core courses from among PSYC 0201, PSYC 0202, PSYC 0203 (or PSYC 0204), PSYC 0216 (or PSYC 0225), PSYC 0224, PSYC 0226 (formerly PSYC 0301), and PSYC 0227 (formerly PSYC 0305)
- Two electives (any fall, spring, or winter term PSYC courses; one of which can be PSYC 0350, PSYC 0500, or PSYC 0700).

Research Opportunities: *There are options for students who are interested in conducting research in psychology.* Students need permission from a faculty member prior to enrollment in these courses.

- ***Sophomores and Juniors*** may take Directed Research (PSYC 0350) or Advanced Research (PSYC 0500) under the supervision of a faculty member.
- ***Seniors*** may choose to pursue Senior Research (PSYC 0700) or a Senior Thesis (PSYC 0701/0702/0703). Senior Research and Senior Theses offer students the opportunity to further synthesize and integrate psychology theory and data by conducting research in collaboration with a faculty mentor.

Students cannot take more than one psychology independent research course (PSYC 0350, PSYC 0500, or PSYC 0700) per semester.

Departmental Honors in Psychology*:* Students who meet the department requirements may apply to the department to complete a senior honors thesis in psychology. A thesis requires students to apply their skills and knowledge to the completion of a year-long empirical research project. Students intending to complete honors work are expected to submit a *Thesis Intent Form* by the stated deadline (early to mid-March) of their junior year. Therefore, students should consult with a faculty member before that deadline to actively begin planning their research. The psychology thesis requires three semesters (including Winter Term) of independent research. During the fall term of their senior year, candidates will enroll in PSYC 0701. During the winter and spring terms, after meeting the special requirements listed in the course description and being accepted into honors candidacy, they will enroll in PSYC 0702 and PSYC 0703, respectively (adjustments to this schedule will be made for students entering in February). A minimum GPA of 3.5 in psychology department courses is required for admission to honors candidacy.

Advanced Placement: Students can bypass PSYC 0105 and move directly to a higher-level course if they earned a Psychology AP Examination score of 4 or 5, or earned a score of 6 or 7 on the IB (International Baccalaureate) Higher Level psychology exam, or achieved a passing grade on the PSYC Department Placement Exam. Students with lower AP/IB scores, or who took the IB standard Level psychology exam, or who have done previous psychology course work may choose to take the placement exam. ***A passing score on the department placement exam means that students may enroll in courses that list PSYC 0105 as a pre-requisite, but it does <u>not</u> provide course credit toward the major or minor, graduation, or other College requirements.*** Course credit for PSYC 0105 is given to students who achieve a score

of 4 or 5 on the Psychology AP Examination. Beginning with students matriculating in the Fall of 2016, the department will not grant course credit for the Statistics AP Examination, towards the major, the minor, or as an equivalent for PSYC 0201 (Psychological Statistics).

Transfer Credits in Fulfillment of the Psychology Major and Minor: Students may transfer no more than two psychology courses toward the major or minor while enrolled as a full time student at Middlebury. Students wishing to obtain approval to transfer more than two courses must petition the department in advance.

Major in Neuroscience: See the Neuroscience Program listing for a description of this major.

Major in Environmental Studies with a focus in Psychology: See the Environmental Studies Program listing for a description of this major.

Education Studies Minor with a Psychology Major: Up to two of the Psychology courses required for the Education Studies minor may also be counted towards the Psychology major.

PSYC 0105 Introduction to Psychology (Fall 2017, Spring 2018)

This course will provide a general introduction to the field of psychology. The most central and important theories, concepts, findings, controversies, and applications in the following areas will be considered: biological bases of behavior, learning, perception, thinking, development, personality, psychological disorders, and social behavior. (Open to Juniors and Seniors by waiver only) 3 hrs lect./1 hr. disc. **SOC** *(Fall 2017: J. Arndt, M. Collaer, K. Cronise, C. Velez, A. DiBianca Fasoli; Spring 2018: J. Arndt, K. Cronise, M. Kimble, M. Seehuus)*

PSYC 0201 Psychological Statistics (Fall 2017, Spring 2018)

This course will examine statistical methods used in the behavioral and biological sciences. Students will learn the logic underlying statistical analysis, focusing primarily on inferential techniques. They also will become familiar with the application and interpretation of statistics in psychological empirical research, including the use of computer software for conducting and interpreting statistical analyses. (PSYC 0105; Fall: open to psychology and neuroscience majors and undeclared majors, others by waiver; Spring: open to psychology and neuroscience majors; others by waiver. Not open to students who have taken MATH 0116 or ECON 0210) 3 hrs. lect./1.5 hr. lab **DED** *(Fall 2017: M. Dash, Z. Zhai; Spring 2018: M. Collaer, Z. Zhai)*

PSYC 0202 Research Methods in Psychology (Fall 2017, Spring 2018)

This course will provide students with an understanding of the research methodology used by psychologists. Students will learn to read psychological studies and other related research as informed consumers. Students will collect, analyze, and interpret data during lab assignments. They will also design an empirical study, review the related literature, and write a formal APA-style research proposal. (PSYC 0105 and PSYC 0201 or MATH 0116 or ECON 0210; not open to first-year students; open to psychology and neuroscience majors) 3 hrs. lect./1.5 hr. lab **CW**, **DED** *(Fall 2017: J. Arndt, B. Hofer; Spring 2018: M. Kimble, R. Moeller)*

PSYC 0203 Social Psychology (Fall 2017)

Social psychology is the study of how social situations affect the thoughts, feelings, and behaviors of individuals. This course will provide an overview of social psychological theory and research findings, as well as reviewing the ways in which these findings are applied to the study of issues such as aggression, close relationships, prejudice, and altruism. Students will also learn about the research methods that social psychologists use to test their theories. (PSYC 0105; open to seniors by waiver only) 3 hrs. lect. **SOC** *(C. Velez)*

PSYC 0204 Personality Psychology (Spring 2018)

This course provides an overview of personality psychology. Several central theories of personality, including psychoanalytic, humanistic, cognitive, trait, behavioristic, and social learning, will be discussed. The course will also emphasize the connection between personality theory and personality research. (PSYC 0105, open to seniors by waiver only) 3 hrs. lect. **SOC** *(M. Huneke)*

PSYC 0216 Adolescence (Spring 2018)

This course is designed to provide an overview of adolescent development, including the biological, cognitive, and social transitions of individuals during this period of life. Development also takes place in context, and we will pay particular attention to the role of family, peer group, school, work, and culture. Students will read research literature, as well as cases, in order to examine the central psychological issues of this developmental period, including identity, autonomy, intimacy, sexuality, and achievement. (PSYC 0105; open to seniors by waiver only) 3 hrs. lect./1 hr. disc. **SOC** *(R. Moeller)*

PSYC 0224 Psychological Disorders (Fall 2017, Spring 2018)

What makes an individual “abnormal”? Under what circumstances do mental health professionals classify emotions, thoughts, or behaviors as “disordered”? In this course, we will explore these questions with attention to their historical, theoretical, ethical, and diagnostic implications. We will investigate various classes of disorders, like anxiety, mood, and psychotic disorders, with a focus on their causes and treatments. Throughout, we will aim to appreciate the complexities and uncertainties surrounding diagnosis, and to recognize and challenge common assumptions about psychological disorders. In addition to lecture, the course will include discussions of current and controversial topics, and occasional demonstrations, analysis of clinical case material, and/or role plays. (PSYC 0105; open to seniors by waiver only) 3 hrs. lect./1 hr. disc. **SOC** *(Fall 2017: M. Kimble; Spring 2018: M. Seehuus)*

PSYC 0225 Child Development (Fall 2017, Spring 2018)

In this course, we will examine the nature of developmental change from the prenatal period through middle childhood. Our critical examination of developmental processes will invite us to consider various theoretical perspectives (e.g., learning, cognitive, biological, contextual) across various domains of development (i.e., physical, social-emotional, and cognitive). We will address major themes in developmental psychology, such as the interrelatedness of development across domains, the contributions of nature and nurture, and the relative continuity versus discontinuity of developmental change. Throughout, we will practice applying developmental principles to practical settings, policy issues, and topics of current interest. (PSYC 0105; open to seniors by waiver only) 3 hrs. lect. **SOC** *(Fall 2017: R. Moeller; Spring 2018: C. McManus)*

PSYC 0226 Physiological Psychology (Spring 2018)

This course concerns the biological basis of human behavior. The course will consider the neurochemical, neuroanatomical, and neurophysiological bases of processes such as language, sensation, emotion, aggression, sleep, learning, and memory. In the laboratory the student will conduct experiments using standard (surgical, anatomical, biochemical, behavioral) techniques to investigate central nervous system function. (PSYC 0105 or any biology course; not open to first-year students; open to psychology majors; others by waiver. Not open to students who have taken PSYC 0301) 3 hrs. lect./3 hrs. lab. **SCI** *(M. Dash)*

PSYC 0227 Cognitive Psychology (Spring 2018)

Questions about the nature of the mind, thinking, and knowledge have a long and rich history in the field of psychology. This course will examine the theoretical perspectives and empirically documented phenomena that inform our current understanding of cognition. Lectures, discussions, demonstrations, and experiments will form the basis for our explorations of cognition in this class. Topics to be considered include attention, perception, memory, knowledge, problem solving, and decision making. (PSYC 0105; PSYC 0201 and PSYC 0202 recommended; not open to first-year students; open to psychology and neuroscience majors; others by waiver. Not open to students who have taken PSYC 0305) 3 hrs. lect./1.5 hrs. lab. **SCI** *(J. Arndt)*

Cross-listed as: NSCI 0227

PSYC 0303 Sensation and Perception (Fall 2017)

Remarkably, using just five basic senses, our brains translate simple external stimuli (e.g. light and sound waves) into unique and vivid perceptual experiences enabling us to interact with our surrounding physical reality. Focusing primarily on the underlying mechanisms of vision and audition, we will explore how our brains construct detailed representations of our world. Throughout these explorations, we will identify perceptual limitations and investigate how mental processes such as attention and emotion affect our perceptions. We will review recent scientific articles and conduct experiments. (PSYC 0105 or any BIOL course; not open to first year students; open to psychology and neuroscience majors; others by waiver) 3 hrs. lect./1 hr. disc. **SCI** *(M. Dash)*

Cross-listed as: NSCI 0303

PSYC 0307 Human Sexuality (Fall 2017)

In this course we will discuss the biological, psychological, behavioral, and cultural aspects of human sexuality, starting with a review of anatomy, physiology and function. We will use current research findings to inform discussions of topics such as arousal and desire, relationships, sexual orientation, consent, pornography, and compulsive sexual behavior. We will look at how issues like contraception, sexuality, and sexually transmitted diseases have influenced and been influenced by their cultural context. (Two psychology courses; not open to first year students; open to Psychology and GSFS majors) 3 hrs. lect. *(M. Seehuus)*

Cross-listed as: GSFS 0307

PSYC 0309 Psychopharmacology (Spring 2018)

This course will examine ways in which drugs act on the brain to influence behavior. Students will learn the basics of brain function, will learn basic properties of drug action, and will learn how legal and illegal drugs, including drugs used to treat psychological disorders, alter the brain function and behavior of humans and experimental animals. (PSYC 0226 or PSYC 0301 or PSYC 0303 or BIOL 0370 or NSCI 0252; not open to first-year students; open to psychology and neuroscience majors; others by waiver) 3 hrs. lect. **SCI** *(M. Collaer)*

Cross-listed as: NSCI 0309

PSYC 0316 Cultural Child Development (Spring 2018)

In this course we will explore ideas and research that have combined cultural and developmental approaches to psychology. We will begin with an understanding of cultural psychology, and from there, several core questions will organize our course: What is childhood like among people's across the world? What are the roles of play, school, and work in children's lives? How are the sequences and endpoints of development culturally shaped, for example, in areas such as problem-solving, attention, attachment, self, and emotions? This course emphasizes primary empirical and theoretical sources. Through lectures, in-class discussion and reflection, student-led debates and expert panels, and an interview project, we will seek to understand the cultural nature of child development in our own lives and in the lives of others (Not open to students who have taken PSYC 0417) (PSYC 105; open to psychology majors) 3 hrs. lect. **SOC** *(A. DiBianca Fasoli)*

PSYC 0320 Social and Emotional Development (Fall 2017)

In this course students will explore current research and theory on the interrelated domains of social and emotional development from infancy through adulthood. Families and peers serve as the primary relationships for children's and adolescents' socialization, and relationships will be explored to further understand how they influence emotion regulation, adaptation to stressful life events, and intrapersonal conflicts. Emphasis will be placed on the role of context and culture in the formation of social and emotional competencies and experiences. We will explore the theory and practice of Social Emotional Learning (SEL) curricula to enhance individuals' social and emotional skills. (PSYC 0105; PSYC 0216 or PSYC 0225; not open to first-year students; open to Psychology majors, others by waiver). 3 hrs. lect./1.5 hrs lab. **SOC** *(R. Moeller)*

PSYC 0327 Educational Psychology (Fall 2017)

The goal of this course is to introduce students to a psychological understanding of teaching and learning through an overview of principles, issues, and related research in educational psychology. The course will examine theories of learning, complex cognitive processes, cognitive and emotional development, motivation, and the application of these constructs to effective instruction, the design of optimum learning environments, assessment of student learning, and teaching in diverse classrooms. (PSYC 0105 and PSYC 0216 or PSYC 0225; not open to first-year students; open to psychology majors, and to education studies minors) 3 hrs. lect./1 hr. disc. **SOC** *(B. Hofer)*

PSYC 0350 Directed Research in Psychology (Fall 2017, Spring 2018)

Directed research provides opportunities for advanced students to become familiar with and participate in ongoing research projects under the direction of a faculty member. The student will first read background literature on the content area to be investigated and experimental methodologies to be used. Procedures involved in conducting psychological research will then be learned through firsthand experience. Potential activities include the design of research and the defining of conceptual variables and the gathering, analyzing, and interpretation of data. Finally, students will learn how to write technical articles in psychology by preparing a paper describing the project, using APA style. (Approval required; not open to first-year students) 3 hrs. lect. *(Fall 2017: J. Arndt, M. Collaer, K. Cronise, M. Seehuus, S. Gurland, B. Hofer, M. Kimble, C. Parker, M. McCauley, M. Dash, C. Velez, R. Moeller, A. DiBianca Fasoli; Spring 2018: J. Arndt, M. Collaer, K. Cronise, M. Seehuus, S. Gurland, B. Hofer, M. Kimble, A. DiBianca Fasoli, M. McCauley, M. Dash, C. Velez, R. Moeller, C. Parker, Z. Zhai)*

PSYC 0405 The Psychology of Racial/Ethnic Minorities (Spring 2018)

This course will explore areas within the field of psychology that relate to the experiences of racial and ethnic groups currently living in the United States. The course is designed to examine psychological perspectives to provide a comprehensive understanding of the issues and problems confronted by members of various racial/ethnic minority groups today. We will examine issues related to stereotypes, prejudice, discrimination, identity, self-concept, cognitive development, acculturation, assessment, mental health, and public policy as they pertain to U.S. minorities. (PSYC 0105; open to junior and senior psychology majors, others by waiver) 3 hrs. sem. *(C. Velez)*

PSYC 0408 Family in Psychology (Fall 2017)

In this course we will examine the influences of family relationships on psychological development, and the effects of mental health problems on family cohesion. Our course is organized around the following central questions: How do children form emotional bonds with their family? How does family environment impact children’s neuropsychological development? How can family relationships be harnessed for treatment? Students will build knowledge on the interaction between family dynamics and psychological processes, and their clinical applications through foundational literature and cutting-edge research articles. Evaluation will be based on student-led presentations and discussions that culminate in a final research project. (Open to junior/senior psychology majors; neuroscience majors and other by waiver) 3hr. sem. *(Z. Zhai)*

PSYC 0413 Approaches to Clinical Psychology: Theory and Practice (Fall 2017)

What are the major theoretical orientations of clinical psychology, and how does each view the domains of thinking, behavior, free will, psychopathology, and treatment? In this discussion-based course, we will explore cognitive behavioral, psychodynamic, behaviorist, existential, and other approaches to clinical psychology. Each has its own emphasis; some focus on symptoms, while others teach emotional tolerance or address unconscious drives. Using philosophy, theory, evidence, and case examples, we will explore similarities and differences among the major orientations and consider their consequences for researchers, therapists, and society at large. (PSYC 0224 recommended; open to junior/senior psychology majors; others by waiver.) 3 hrs. sem. *(M. Seehuus)*

PSYC 0414 Rhythms of the Brain (Spring 2018)

How do the ~86 billion neurons of the human brain coordinate their activity to produce complex cognition and behavior? In this course we will explore how rhythmic oscillations in neuronal activity may provide a unified mechanism that contributes to diverse brain functions including attention, learning and memory, motor coordination, sleep, respiration, and perhaps even consciousness itself. Through background lectures and class discussion of primary scientific literature, students will develop their understanding of the relationships between ongoing neuronal activity, cognition, and behavior. (PSYC 0226/0301 or PSYC 0303 or NSCI 0100 or NSCI 0252; open to junior/senior psychology and neuroscience majors; others by waiver) 3 hrs. sem. **SCI** *(M. Dash)*

Cross-listed as: NSCI 0414

PSYC 0437 The Social and Emotional Brain (Spring 2018)

Social relationships profoundly impact our emotional and physical well-being. For instance, healthy relationships bring joy, but difficult relationships bring pain. Social/affective (emotional) neuroscience collectively utilizes social psychology, emotions research, and neuroscience to inform our understanding of social interactions. It addresses questions like: How does the brain process social/emotional information? How do emotions help us discern other's intentions? How are relationships shaped by emotion? Topics for discussion will include the interconnectedness of the social/emotional brain, self-concepts, theory of mind, empathy, and disorders of social/emotional function. Psychology and neuroscience students will bring their relative expertise to the class content for thoughtful discourse. (PSYC 0105; Open to junior and senior neuroscience and psychology majors only, others by waiver) 3 hrs. Sem. *(K. Cronise)*

Cross-listed as: NSCI 0437

PSYC 0500 Advanced Research (Fall 2017, Spring 2018)

A program of research arranged to meet the needs of advanced students majoring in psychology. (Approval required)

PSYC 0700 Senior Research (Fall 2017, Spring 2018)

A program of research arranged to meet the needs of advanced senior majors in psychology. (PSYC 0201 and PSYC 0202; Approval required)

PSYC 0701 Senior Thesis Proposal (Fall 2017, Spring 2018)

Students hoping to be considered as candidates for departmental honors must enroll in PSYC 0701 under the sponsorship of a department faculty member and submit a formal, written research proposal to the department by 5 p.m. on the Wednesday during the final week of fall classes in their senior year. If the proposal is approved, the student will enroll in PSYC 0702 during the winter term and PSYC 0703 during the spring term of their senior year. (Feb graduates should consult with their advisors about the appropriate semester in which to begin a thesis.) (PSYC 0201 and PSYC 0202; Approval required)

PSYC 0702 Senior Thesis Second Semester (Fall 2017, Spring 2018)

Students whose honors thesis proposal (PSYC 0701) has been approved will collect, analyze, and interpret their data. This is the second semester of the 3-semester senior thesis. (PSYC 0201, PSYC 0202, and PSYC 0701; Approval required)

PSYC 0703 Senior Thesis (Fall 2017, Spring 2018)

Senior Thesis*
This is the third and final semester of the senior thesis. Students will finish analyzing, and interpreting their data. This process culminates in a written thesis to be submitted by 4 p.m. on the Monday BEFORE the final week of spring classes, a presentation, and an oral defense. The decision about awarding departmental honors will be made after the student submits the thesis. (PSYC 0201, PSYC 0202, and PSYC 0702; Approval required)

↑ Top

Department of Religion

Requirements for the major (11 courses): The Religion major allows students to concentrate in a variety of sub-fields within the larger field of the study of religion. These sub-fields can be based on traditions, geographical areas, or themes.

- While the plausibility of concentrating on a given sub-field depends on the availability of expert faculty members therein, the department currently offers the following concentrations: **traditions,** such as Buddhism, Christianity, Islam, Judaism.; **geographical areas**, such as, South Asia, East Asia, the Americas; and **themes**, such as mysticism, ethics, and sacred texts. Students are encouraged to consult with faculty members to explore other options or combinations thereof.

The major will consist of at least **eleven** courses, including no more than one winter term course, distributed as follows:

- **A primary concentration of five** courses**:** a four course concentration in a specific sub-field plus a **senior** project or thesis related to that sub-field. The courses must include a **0100** level course and a **0300** level **seminar** that focus in that tradition/area.
- **RELI 0400**, Seminar on the Study of Religion
- A **distribution** of **five** other courses elected by the student in close consultation with his/her adviser, subject to the following provisions:

(1) Majors must make sure that they have had exposure to a variety of different religious **traditions** (for example, Asian and Western) as well as a variety of **methodological** approaches to the study of religion (for example, historical, sociological, anthropological, or philosophical).

(2) Majors must take at least one 0300 **seminar outside** their primary sub-field of concentration within the religion department.

Important note: Students should consult closely with faculty advisors to determine which courses in the department satisfy a given concentration. The chair of the department, in consultation with the students advisor, will determine how transfer credits and courses taken during study abroad will be applied toward departmental requirements.

Joint major: *Please note*: the chair of the department must approve each joint major proposal. For the Religion component of a joint major, a student will complete **seven** courses:

- A **primary concentration** of **four** courses in one sub-field. These courses will include a 0100-level course and a 0300-level seminar that focus in that **sub-field**.
- **Two electives**
- **RELI 0400.** Seminar on the Study of Religion

In addition, the student will complete a **Senior** Project or Thesis utilizing the expertise of both majors.

Religion Minor: The Religion minor will consist of at least **five** courses, **three** of which will focus in a single **sub-field**. One of the courses in the focus must be a **seminar** at the 0300-level or above.

Requirements Prior to Fall 2016

Requirements for the major (11 courses): *(For students declaring a Religion Major beginning with the Spring 2011 semester)* The Religion major allows students to concentrate in particular **Traditions** (Buddhism, Christianity, Hinduism, Islam, or Judaism) and/or **Areas** (American Religion or Ethics). The major will consist of at least eleven courses, including no more than one winter term course, distributed as follows:

- a ***primary concentration*** of **four** courses in a specific Tradition or Area. These courses will include a 0100-level course and a 0300-level seminar that focus in that tradition/area.
- a ***secondary concentration*** of **three** courses in a specific Tradition or Area. These courses will include a 0100-level course and a 0300-level seminar that focus in that tradition/area.
- Two electives.
- ***RELI 0400***, Seminar on the Study of Religion
- ***a Senior Project or Thesis*** (RELI 0700/0701). Normally senior work will relate to the majors primary concentration of study.

Important Notes:
(1) Majors must take at least one course in Western Traditions (Christianity, Judaism, or Islam) and one course in Asian Religions (e.g., Hinduism, Buddhism, Taoism). These courses may be used toward the primary or secondary concentration, or they may be electives.
(2) At least one of the two concentrations in a Religion major must focus on a Tradition. The other may focus on a second Tradition or an Area.
Students should consult closely with faculty advisors to determine which courses in the department satisfy a given concentration. The chair of the department, in consultation with the students advisor, will determine how transfer credits and courses taken during study abroad will be applied toward departmental requirements.
Joint major: *Please note*: the chair of the department must approve each joint major proposal. For the Religion component of a **joint major**, a student will complete seven courses:

- A **primary concentration** of **four** courses in one Tradition or Area. These courses will include a 0100-level course and a 0300-level seminar that focus in that tradition/area.
- A **secondary concentration** of **two** courses in another Tradition or Area
- RELI 0400

In addition, the student will complete a Senior Project or Thesis that utilizes the expertise of both majors.
Religion Minor: The Religion minor will consist of at least five courses, three of which will focus in a single Tradition or Area. One of the courses in the focus must be a 0300-level seminar.
The Minor in Jewish Studies: Refer to Jewish Studies for description, or if searching the online catalog, please refer to Interdisciplinary Programs.
The Minor in Hebrew*:* Refer to Hebrew in the Course Catalog for description, or if searching the on-line catalog, please refer to Interdisciplinary Programs.
Departmental Honors: Graduation with departmental honors requires at least a B+ in courses counted toward the major. Students who meet this threshold and receive an A- or A on their

senior project will be awarded Honors. Students who meet the course grade threshold and write a thesis will be eligible for Honors if the thesis grade is at least a B+, and High Honors if the thesis grade is an A- or A. Highest Honors will be reserved for students who earn at least an A- in courses counted toward the major and an A on the thesis.

RELI 0100 Introduction to Religion (Spring 2018)

Religion has always been a significant element in human life and history. Why is this? What roles does religion play in peoples' lives and societies? Are there deeper commonalities underlying various religious traditions, despite their external differences? And what is religion anyway? We will examine these questions by introducing the basic vocabulary and analytic tools of the academic study of religion—a modern discipline stemming from the ideals of the Enlightenment—and by examining multiple case studies, both Western and Asian. We will also discuss multiple ways, sympathetic or critical, that influential thinkers make sense of religion in modern times. 3 hrs. lect./disc. **CMP**, **PHL** *(A. Anzali, W. Waldron)*

RELI 0121 Buddhist Traditions in India (Fall 2017)

An introduction to the development of Indian Buddhist thought, practice, and institutions. The course will begin with an examination of the life of the Buddha and the formation of the early tradition. It will then explore developments from early Nikaya Buddhism, through the rise of the Mahayana, and culminating in Tantric Buddhism. Attention will be given throughout to parallel evolutions of doctrine, practice, and the path to Nirvana. 3 hrs. lect./disc. **AAL**, **PHL**, **SOA** *(W. Waldron)*

RELI 0123 The Buddhist Tradition in East Asia (Spring 2018)

An introduction to the development of Buddhism within the East Asian cultural sphere of China, Korea, and Japan. We will consider continuities of thought, institution, and practice with the Indian Buddhist tradition as well as East Asian innovations, particularly the rise of the Chan/Zen and Pure Land schools. (Follows RELI 0121 but may be taken independently) 3 hrs. lect./disc. **AAL**, **NOA**, **PHL** *(E. Morrison)*

RELI 0130 The Christian Tradition (Fall 2017)

We will examine Christian origins in global historical context, beginning with the life of Jesus and then focusing on Paul's role in doctrine formation. Readings from the Bible and theologians like Augustine will give us insight into the development of regional church leadership, rituals, music, and the use of Scripture and reason. Then we will look at the impact of Catholic and Protestant Reformations on western culture and politics, and in recent times, we will examine the growth of the Roman Catholic Church, Pentecostalism, and Mormonism in the global south, in contrast to secularism in the northern hemisphere. Visits to local churches will promote a deeper understanding of contrasting Christian worldviews. 3 hrs. lect./disc. **CMP**, **HIS**, **PHL** *(E. Gebarowski-Shafer)*

RELI 0132 The Ten Commandments (Fall 2017)

After a grounding in the narratives of Genesis and Exodus (and an examination of those books' understanding of the Law) we will move on to study the two versions of the Commandments—one in Exodus and one in Deuteronomy. We will then proceed to the history of interpretation of the Commandments, both as a unit unto themselves and as part of the general system of biblical law. Special attention will be paid to the differences between Rabbinic Judaism's understanding of the Decalogue (as the commandments are also known) and the various Christian understandings of the Ten Commandments. We will also look at expressions of the Decalogue in Islamic scripture and tradition. 3 hrs. lect. **AAL**, **MDE**, **PHL** *(S. Goldman)*

RELI 0140 Hindu Traditions of India (Fall 2017)

In this course we will identify and examine key themes and issues in the study of Hindu religious traditions in India, beginning with the defining of the terms Hinduism, religions, and religious. We will primarily focus on the ways Hindu religious traditions—texts, narratives, and practices—are performed, received, and experienced in India. Essential aspects of Hindu religious traditions will be examined, including: key concepts (darsan, dharma, karma and caste), key texts (the Bhagavad Gita and the Ramayana), and major religious deities (Shiva, Devi and Vishnu). The course will also cover contemporary Hindu-Muslim encounters, and the emerging shape of Hinduism in the American diaspora. 3 hrs. lect./disc. **AAL**, **PHL**, **SOA** *(J. Ortegren)*

RELI 0150 The Islamic Traditions (Fall 2017)

What is Islam? Is it a religion, a way of life, a civilization, or a political ideology? Was Muhammad a political leader, a warrior, or an ascetic? What is the Qur'an? How did it develop as a sacred text and how does it compare to the Bible? This course is designed to provide a platform for us to explore such questions by focusing on historical, social, and intellectual developments in the wide swath of land known as the Muslim world. Special attention will be given to early developments of the Islamic community as well as the later response of different Muslim communities to modernity. 3 hrs. lect./disc **AAL**, **MDE**, **PHL** *(A. Anzali)*

RELI 0180 An Introduction to Biblical Literature (Fall 2017)

This course is a general introduction to biblical history, literature, and interpretation. It is designed for students who seek a basic understanding of the Bible on its own or as a foundation for further study in religion, art, literature, film, and other disciplines. It aims to acquaint students with the major characters, narratives, poetry, and compositional features of biblical literature and how these writings became Jewish and Christian scriptures. The course will also explore various approaches to reading the Bible, both religious and secular. 3 hrs. lect./disc. **LIT**, **PHL** *(O. Yarbrough)*

Cross-listed as: ENAM 0180

RELI 0228 Japanese Religions (Spring 2018)

We will begin our study of Japanese religions with the ancient mythology that forms the basis of Shinto (the way of the kami, or gods). We will then consider the introduction of Buddhism, Confucianism, and Daoism to Japan and examine how these traditions were accepted, absorbed, and adapted. We will also investigate Japanese reactions to Christianity in the 16th century and the appearance of "new" Japanese religions starting in the 19th century. Throughout, we will ask how and why Japanese have both adhered to tradition and been open to new religions. 3 hrs. lect./disc. **AAL**, **CW**, **NOA**, **PHL** *(E. Morrison)*

Cross-listed as: JAPN 0228

RELI 0233 Christianity in Africa (Fall 2017)

Christianity has an ancient heritage in Africa and a vibrant presence today, especially in the form of charismatic and Pentecostal movements which emphasize divine healing and prophecy. In this course we will examine the texts, beliefs, and individuals who shaped early Christianity in northern Africa and Ethiopia, with emphasis on monasticism, martyrdom, and the writings of Augustine of Hippo. Then we will examine cross-cultural contact with European Christians, including Roman Catholic and Protestant missionary encounters. We will examine issues of racism, sexism, and cultural superiority past and present, to help us understand the complex role of religion and belief in the supernatural in post-colonial Africa today. 3 hrs. lect./disc. **AAL**, **CMP**, **CW**, **PHL**, **SAF** *(E. Gebarowski-Shafer)*

RELI 0241 Art and Religion of Ancient Egypt (Fall 2017)

With its pyramids and mummies, the civilization of Ancient Egypt and its obsession with the afterlife loom large in the contemporary imagination. In this introductory course we explore Egyptian art and religion and study the driving forces for Egypt’s cultural continuity and change between c. 3200 BCE and 30 BCE. We also consider the impact of Ancient Egypt on later civilizations; its rediscovery during the 19th and early 20th centuries; and the reception of Ancient Egypt as a factor in the formation of modern Egypt. 3 hrs. Lect. **AAL**, **MDE** *(P. Broucke, S. Goldman)*

Cross-listed as: HARC 0241 *

RELI 0243 Hindu Ethics AT, ET (Spring 2018)

What constitutes the good life? How is morality established? Who are the arbiters of virtuous conduct? Such questions will guide us as we probe the complexities of ethics in Hindu religious life. We will identify how such notions as *dharma*, caste, karma, *moks?a*, purity, and nonviolence have shaped the development of Hindu moral consciousness. We will do so through readings of orthodox Hindu ethical texts (*dharma sastra*), ethnographic explorations of moral identity, considerations of holistic medicine (Ayurveda), theological visions of protecting the environment, and modern reform movements headed by Gandhi and Ambedkar. With increased sensitivity we will more deeply understand Hindu moral identities while considering our own ethical determinations. 3 hrs. lect./disc. **AAL**, **PHL**, **SOA** *(J. Ortegren)*

RELI 0248 Religion and Class in South Asia (Spring 2018)

In this course we will examine the shifting religious landscapes of South Asia in relationship to “new middle classes” in Nepal, India, and Pakistan. We will begin by defining class in contemporary South Asia and then consider ethnographic examples of how class is reshaping religious communities, identities, values, and practices among Hindus and Muslims. Special attention will be given to shifts in practices related to gender and caste, media (television, film, and comic books), fashion, food, and leisure in order to expand our definitions of what “counts” as religion in the modern world. 3 hrs. lect. **AAL**, **CW**, **PHL**, **SOA**, **SOC** *(J. Ortegren)*

RELI 0256 Islam and Judaism (Spring 2018)

In this course we will compare and contrast the histories, practices, and beliefs of Islam and Judaism. Our source materials will include scriptural and post-scriptural texts, as well as representative selections from religious polemics of both the pre-modern and modern periods. We will also watch a number of documentary films on the topic. 3 hrs. lect./disc. **AAL**, **CMP** *(S. Goldman)*

RELI 0259 Fundamentalism and Religion (Fall 2017)

What is fundamentalism and why is it in the news so much? Is it inherently linked to intolerance, radicalism, violence, and an apocalyptic mood? We will begin by examining the historical development of fundamentalism in the early 20th century, paying special attention to its ongoing symbiotic relationship with modernism and secularism. Though we will focus more on Islamic fundamentalism in the Middle East, we will also examine Jewish and Christian fundamentalisms, and other regions of the world, discussing all with a comparative approach. We will see whether or not we can find common psychological, socio-economic, and/or religious patterns that can help us understand the rise of fundamentalism in the contemporary world. 3 hrs. lect. **AAL**, **CMP**, **MDE**, **PHL** *(A. Anzali)*

RELI 0290 Women and the Sacred in Late Antiquity and Byzantium (Spring 2018)

This course will explore the female religious experience in Greco-Roman antiquity and Early Christianity. We shall trace the transition from the mystery religions of Demeter and Isis in the Eastern Mediterranean to the cult of Mary the Mother of God (Theotokos) and the worship of female saints. Drawing on a wide range of sources (hymns, saints' Lives, Apocryphal Gospels, Patristic texts, and icons), we shall study the varieties of female devotion and examine the roles available to women in the early Church: deaconesses and desert mothers, monastics and martyrs, poets and rulers. Different theoretical approaches will enable us to ask a series of questions: were women in the early Church considered capable of holiness? To what extent did the female 'gifts of the spirit' challenge church authority? What is distinct about the feminine experience of the divine? Finally, we shall consider the vision and poetics of female spirituality in select modern poets. 3 hrs. lect. **EUR**, **HIS**, **PHL** *(M. Hatjigeorgiou)*

Cross-listed as: GSFS 0290

RELI 0297 Middle Eastern Political Religion (Spring 2018)

Since the Iranian Revolution of 1979 and the rise of Religious Zionism in Israel, Middle Eastern politics and religion have become inextricably linked. In this course we examine the relationship between politics and religion in the Arab states, Israel, and Iran. Readings include selections from the scriptures of the monotheistic traditions, historical accounts of religious and political change, and theoretical analyses of historical trends. Throughout the term we will follow news accounts of current developments in the Middle East. 3 hrs. lect. **AAL**, **MDE**, **PHL** *(S. Goldman)*

Cross-listed as: JWST 0297

RELI 0298 Privilege and Poverty: The Ethics of Economic Inequality (Fall 2017)

In this course we will study the ethical implications of domestic and global economic inequality. Drawing from history, economics, sociology, philosophy, theology, and other disciplines, we will examine the causes and consequences of inequality, critically evaluate our usage of the terms “privilege” and “poverty,” and consider the range of moral responses individuals and society might have to inequality. We will ask whether it is unfair, unfortunate, or necessary that some citizens live with significantly less material wealth than others, and whether those who experience “privilege” have any moral responsibility to those who exist in “poverty.” 3 hrs. lect./1 hr. disc. **PHL**, **SOC** *(J. Davis)*

Cross-listed as: INTD 0298

RELI 0320 Seminar in Buddhist Philosophy: Yogacara Depth Psychology and Philosophy of Mind (Spring 2018)

In this seminar we will survey the basic ideas of Yogacara Buddhism (4-6th c. CE), one of two major schools of Indian Buddhism, in relation to cognitive science and philosophy of mind. We will examine these ideas historically, philosophically and comparatively. We focus on the Yogacara analyses of the largely unconscious 'construction of reality' and its systematic deconstruction through forms of analytic meditation. We will read primary and secondary texts on Indian Buddhism and texts espousing similar ideas in modern philosophy and the social and cognitive sciences. (one course on philosophy or RELI 0120, RELI 0220, RELI 0223, RELI 0224, RELI 0225, RELI 0226, RELI 0227or RELI 0228.) 3 hrs. sem. **AAL**, **CMP**, **PHL** *(W. Waldron)*

Cross-listed as: PHIL 0320

RELI 0335 Roman Catholicism WT (Spring 2018)

Topic is determined by the instructor - refer to section for the course description. **EUR**, **HIS**, **PHL** *(E. Gebarowski-Shafer)*

RELI 0350 Sufism: The Mystical Tradition of Islam (Spring 2018)

In this seminar, we will start our adventure in the Sufi world by focusing on the historical and religious contexts in which the mystical tradition of Islam developed during the early Islamic centuries. We will then turn to the so-called classical period focusing on the institutionalization of Sufism, major themes of the classical Sufi literature; fundamental teachings and practices of Sufis; and important figures like Rumi, Ibn Arabi, and Hafez. Finally, we will move to the modern period to discuss the ways in which the Sufi tradition has been re-interpreted, contested, or transformed throughout the Muslim world in response to the challenges of modernity. In all this, our main concern will be to develop an understanding of the mystical perspective that has influenced the outlook of much of the world's diverse Muslim population. Requires familiarity with the Islamic tradition. 3 hrs. sem. **AAL**, **MDE**, **PHL** *(A. Anzali)*

RELI 0376 Religion and American Politics (Spring 2018)

Does religion belong in politics? Should religious reasons be permitted in public political debate? Should candidates for office publicly declare their religious beliefs? Are orthodox Christianity, Judaism, and Islam fundamentally incompatible with democratic principles? This course examines these and similar questions regarding the relationship between religion and American democracy. We will study the role religion does in fact play in American politics, but primarily we will ask what role, if any, religion should play in politics. We will consider this last question by consulting a number of important contemporary political philosophers and theologians. (One of the following courses: RELI 0190, RELI 0275, RELI 0293, PSCI 0101, PSCI 0102, PSCI 0104, PSCI 0107, or any course in Philosophy) 3 hrs. sem. **AMR**, **NOR**, **PHL**, **SOC** *(J. Davis)*

RELI 0383 Storied Women (Fall 2017)

In this course we will read and analyze stories about women in the Jewish Bible, its Greek translations, and the Christian Bible (both Old and New Testaments). Using various historical, literary, theological, and gendered approaches to the study of ancient texts, we will examine characters such as Eve, Sarah, Hagar, Rebekah, Tamar, Deborah, Ruth, Judith, Mary, the women of Paul's letters, and Revelation's great whore of Babylon. In addition to recent academic treatments of the stories, we will also consider some of the ways they have been retold through time in both religious and secular settings, including art, literature, drama, and film. 3 hrs. sem. **LIT**, **PHL** *(O. Yarbrough)*

Cross-listed as: GSFS 0383

RELI 0384 Women, Religion, and Ethnography (Fall 2017)

In this course we will focus on ethnographic scholarship regarding women in various religious traditions. We will begin with questions of feminist ethnography as proposed by Lila Abu-Lughod and then read a range of ethnographies focusing on women in different contexts, including a female Muslim healer in South India, Kalasha women in Pakistan, Bedouin Muslim women in Egypt, and Catholic nuns in Mexico. We will focus on how gendered and religious identities are constructed and intertwined, and what ethnography contributes to the study of both religion and gender. A prior course in Religion, Anthropology, or Gender, Sexuality, and Feminist Studies is recommended. 3 hrs. sem. **AAL**, **CMP**, **PHL** *(J. Ortegren)*

Cross-listed as: GSFS 0384

RELI 0400 Understanding Religion: Foundational Theories and Methods (Fall 2017)

In this seminar we will examine the genesis of the academic study of religion in the modern world by reading seminal texts of such founding thinkers as: Durkheim, Weber, James, Freud, Jung, and Eliade. We will analyze these and more recent theories and methods in the sociological, psychological, and comparative study of religion, discerning their assumptions and implications, strengths and weaknesses, and utilizing them in focused written assignments. We end with the study of text-critical methods, interpreting the Garden of Eden story from multiple perspectives. Open to juniors and seniors who have had two religion courses or by waiver. 3 hrs. sem. *(W. Waldron)*

RELI 0500 Independent Research (Fall 2017, Spring 2018)

(Approval Required)

RELI 0700 Senior Project (Fall 2017, Spring 2018)

(Approval Required)

RELI 0701 Senior Research for Honors Candidates (Fall 2017, Spring 2018)

Approval required

↑ Top

Department of Russian

Major Requirements: Normally, majors must complete second-year Russian, RUSS 0122, RUSS 0151, four other courses, including at least one mainstream course in Russia, and a senior seminar. (HIST 0247 and HIST 0248 may be substituted for RUSS 0122.) Each student's program is planned individually with the department chair. Students planning careers in government, business, or law are advised to consider a major in the Russian and East European studies track of the International and Global Studies program. Russian majors also frequently combine their language study with a minor in economics, geography, history, or political science, or do a joint or double major with one of these subjects. Majors planning teaching careers should study a second language, preferably through at least the third-year level, and should consult members of the education studies faculty regarding certification.
Departmental Honors: Majors with a B+ average in Russian courses and a B average overall are encouraged to prepare an honors thesis, the final copy of which is due April 20 of the year of graduation. Departmental honors are determined by a combination of thesis grade and grade point average in courses taken in the Russian Department, the Russian School and Middlebury's programs in Russia. Highest honors will be awarded for a GPA of 3.75 plus A on the thesis; high honors will be awarded for a GPA of 3.5 and A- or better on the thesis, and honors will be awarded for a GPA of 3.35 and a grade of B+ or better on the thesis.
Minors: The Russian department offers two minor programs: The Russian language minor includes RUSS 0101, RUSS 0103, RUSS 0201, RUSS 0202, RUSS 0311 and RUSS 0312. The Russian literature and culture minor includes any two of RUSS 0122, RUSS 0151, RUSS 0152, RUSS/FMMC 0245, and three of the following: RUSS 0351, RUSS 0352, RUSS 0354, and RUSS/ENAM 0359. A first-year seminar may, on occasion, be substituted for one of these courses.
Junior Year in Russia: All majors and language minors are encouraged to study for a year in Russia. Middlebury's programs at Irkutsk State University, Russian State University for the Humanities in Moscow, and Yaroslavl State Pedagogical University are open to juniors who have completed 0300-level Russian. Students in Moscow may also enroll in courses at the Shchukin Theater Institute and the Higher School of Economics. Students are strongly encouraged to spend a summer in the Kathryn Wasserman Davis School of Russian on the Middlebury College campus before studying abroad in Russia. Students who have completed only 0200-level Russian must spend the fall semester at Yaroslavl. In their first semester, all students will take conversation, composition, and culture/civilization courses organized exclusively for our students; students who have completed third-year-level Russian will also take one mainstream course with Russian students, selected from the full university curriculum. In the second semester, students who have not yet taken a mainstream course will take one, and students who have already taken one will take two or more, in addition to the courses organized for Middlebury. Majors are expected to take at least one mainstream course while in Russia. Students unable to attend for a full year may study in Russia for one semester, preferably in the fall. The following courses are among those offered at our programs in Russia in recent years. While we cannot guarantee that each of these courses will be available on a regular basis, they are representative of the kinds of offerings students may expect:

In Irkutsk:
Russian Literature of the Nineteenth Century
Language of the Mass Media

Scientific Texts
History of Russia 1917-1970 Through Film
Siberian Culture and Ethnic Groups

In Moscow:
Russian Folklore
History of Economics
Nationalities and Contemporary Political Problems
The Language of Russian Business
Russian Civilization and Culture: Art, Architecture, and Music
Stage Speech (at the Shchukin Theater Institute)
Strategies against Corruption (at the Higher School of Economics)

In Yaroslavl:
History of Russia, Tenth - Seventeenth Centuries
Modern Russian History and Contemporary Politics
Readings in Russian Literature
Russian Prose Translation
Russian Civilization and Culture: Art, Architecture, and Music

RUSS 0101 Beginning Russian (Fall 2017)

This course is an approach to the language using four skills (speaking, listening, reading, and writing). It provides a firm control of the sound system and the structure of Russian. Although much emphasis is put on the spoken colloquial language, reading, writing, and a conscious understanding of the fundamentals of grammar prepare a strong foundation for work in advanced courses or for reading in specialized fields. 3 hrs. lect./3 hrs. drill. **LNG** *(K. Moss, M. Walker)*

RUSS 0103 Beginning Russian (Spring 2018)

This course is a continuation of the approach used in RUSS 0102, but with increased emphasis on reading. (RUSS 0102) 3 hrs. lect./3 hrs. drill. **LNG** *(K. Moss, M. Walker)*

RUSS 0122 The Russian Mind (in English) (Spring 2018)

In this course we will study the dominant themes of Russia's past and their role in shaping the present-day Russian mind. Topics will include: Slavic mythology; Russian Orthodoxy; Russian icons; the concept of autocracy; the legacy of Peter the Great and Catherine the Great; the Golden Age of Russian Literature (Pushkin, Gogol, Tolstoy and Dostoevsky); Russian composers, including the "Mighty Five"; Russian theater and ballet; the origins of Russian radicalism; the Russian Revolution; the legacy of Lenin and Stalin; and Russia from Khrushchev to Putin. 3 hrs. lect. **AAL**, **HIS**, **LIT**, **NOA** *(M. Walker)*

RUSS 0151 Russian Literature's Golden Age: 1830-1880 (in English) (Fall 2017)

Duels, ghosts, utopias, murders, prostitution, and adultery- these are the raw materials Russian authors turned into some of the world's greatest literature. This course is an introduction to Russian literature of the 19th century, from the short stories of Pushkin and Gogol to the great novels of Dostoevsky and Tolstoy. The centrality of literature in Russian society and the interrelations among the authors and texts will be discussed. How do the authors combine reality, fantasy, and philosophy to make these works both uniquely Russian and universal? 3 hrs. lect. **EUR**, **LIT** *(T. Beyer)*

RUSS 0201 Intermediate Russian (Fall 2017)

Systematic review of grammar and development of the spoken and written skills attained in Beginning Russian. (RUSS 0103 or equivalent) 3 hrs. lect./3 hrs. drill **LNG** *(K. Moss, T. Smorodinska)*

RUSS 0202 Intermediate Russian (Spring 2018)

Continuation of the approach used in RUSS 0201. Reading of contemporary Russian texts, conversation, and written assignments in Russian based on reading assignments. (RUSS 0201 or equivalent) 3 hrs. lect./3 hrs. drill **LNG** *(T. Smorodinska, K. Moss)*

RUSS 0217 The Idea of Revolution: Aesthetics, Politics and the Avant-Garde in Early Soviet Culture (Fall 2017)

In this course we will explore intersections between aesthetics and politics in the context of one of the great upheavals of the twentieth century, the Russian Revolution of 1917 and the rise of the Soviet Union. How might art represent a revolutionary politics, and in what ways might it betray it? What does Communism mean for artistic production? We will consider these and other questions across different media, including literature, cinema, and the plastic arts. We will discuss works by Mayakovsky, Malevich, Babel, Zamiatin, Tatlin, Eisenstein, Vertov, Olesha, Platonov, and others. Taught in English. 3 hrs. lect. **AAL**, **ART**, **LIT**, **NOA** *(M. Walker)*

RUSS 0311 Russian Culture and Civilization I (Fall 2017)

This course offers a bilingual approach to the study of Russian culture from its origins to the mid-nineteenth century. Works of literature, art, and music will be examined in their historical context. Particular emphasis will be devoted to the improvement of oral and written skills. (RUSS 0202 or equivalent) (formerly RUSS 0411) 3 hrs. lect **EUR**, **LIT**, **LNG** *(T. Smorodinska)*

RUSS 0312 Russian Culture and Civilization II (Spring 2018)

This course is a continuation of RUSS 0311 but may be taken independently. It offers a bilingual approach to the study of Russian culture from the second half of the nineteenth century to the present. Works of literature, art, and music will be examined in their historical and political context. Particular attention will be devoted to the improvement of oral and written skills. (RUSS 0202 or equivalent) (formerly RUSS 0412) 3 hrs. lect. **EUR**, **LIT**, **LNG** *(T. Smorodinska)*

RUSS 0354 Chekhov (in English) (Fall 2017)

A study of Chekhov's major dramatic output: a survey of the history of Russian theatre before Chekhov; Turgenev's Month in the Country; Chekhov's evolution as a writer; analysis of his four major plays: *Seagull*, *Uncle Vanya*, *Three Sisters*, and *Cherry Orchard*; Chekhov's European contemporaries and his Russian successors. 3 hrs. lect. **EUR**, **LIT** *(T. Beyer)*

RUSS 0500 Advanced Studies in Language and Literature (Fall 2017, Spring 2018)

Supervised individual study for highly qualified students. (Approval required)

RUSS 0700 Senior Independent Study (Fall 2017, Spring 2018)

(Approval required) *(Fall 2017: T. Smorodinska, T. Beyer, K. Moss, M. Walker, T. Portice; Spring 2018: T. Smorodinska, K. Moss)*

RUSS 0704 Senior Seminar (in Russian) (Fall 2017)

This seminar topic changes every year. Recent seminar titles have included *Research, Recast, Relay*, *The History of Russian Poetry*, and *Russian Drama*. This course will provide students with the skills to identify and utilize Russian sources, provide professional quality written summaries and analyses, make oral presentations in Russian, and produce a substantial written assignment and project. (Senior Majors) 3 hrs. sem. *(T. Smorodinska)*

↑ Top

Department of Sociology/Anthropology

Required for the Major in Sociology/Anthropology:A minimum of 10 courses will constitute the major; at least eight of these courses (and all the core courses listed in the tracks below) must be fall and spring courses taught at Middlebury (e.g., not winter term courses or transfer credits). No more than two electives may be introductory 0100-level courses. We strongly recommend that students planning a study abroad experience take at least one area studies course. Students must complete a methods course (SOAN 0301 or SOAN 0302) before they begin either SOAN 0700 or SOAN 0710 in order to prepare for this senior research and writing project.

There are three tracks a student may choose from:

Track 1: Sociology/Anthropology consists of SOAN 0103, SOAN 0105, SOAN 0301 or SOAN 0302, and SOAN 0305 or SOAN 0306. Students must also take a 0400-level seminar and complete a senior project (SOAN 0700 or SOAN 0710), and these requirements may be in either sociology or anthropology. In addition, each sociology/anthropology track major will take four electives in the department.

Track 2: Anthropology consists of SOAN 0103, either SOAN 0301 or 0302, SOAN 0306, a 0400-level anthropology seminar and a senior project (SOAN 0700 or 0710). In addition, anthropology track majors will take five electives in the department, of which at least four must be anthropology, and of which at least one must be in archaeology or linguistic anthropology.

Track 3: Sociology consists of SOAN 0105, either SOAN 0301 or 0302, SOAN 0305, a 0400-level sociology seminar and a senior project (SOAN 0700 or 0710). In addition, sociology track majors will take five electives in the department, of which at least four must be sociology.

Joint Majors in Sociology/Anthropology and Environmental Studies-Human Ecology:This focus requires eight or nine courses depending on senior work: SOAN 0103; SOAN 0105; SOAN 0211; SOAN 0301 or SOAN 0302; SOAN 0305 or SOAN 0306; two electives related to the topic of human ecology (to be selected in consultation with your advisor) from among sociology/anthropology offerings, ENVS 0210. In addition, students will take either SOAN 0700 or SOAN 0710. This focus qualifies students for joint major status.No more than one course may be taken outside of the regular fall and spring semesters at Middlebury (e.g., as a winter term course or transfer credit).
Joint Majors with other departments:Students wishing to do a joint major with another department or program must complete the following sociology/anthropology courses: SOAN 0103, SOAN 0105, SOAN 0301 or SOAN 0302, SOAN 0305 or SOAN 0306, SOAN 0700 or SOAN 0710 and two electives. No more than one course may be taken outside of the regular fall and spring semesters at Middlebury (e.g., as a winter term course or transfer credit). Any departures from this program must be approved by the department chair.
The Departments of Sociology/Anthropology and Psychology no longer offer a Joint Major in Sociology and Psychology.
International and Global Studies Major: To specialize in sociology/anthropology within the International and Global Studies major, students must take: SOAN 0103, SOAN 0105, SOAN 0305 or SOAN 0306, plus three other sociology/anthropology electives. No more than one elective may be taken outside of the regular fall and spring semesters at Middlebury (e.g., as a

winter term course or transfer credit). Students who plan to write an IGS senior thesis must complete either SOAN 0301 or SOAN 0302 as one of these electives before starting the thesis.
Sociology Minor:SOAN 0105 and four elective courses in SOAN, no more than one of which can be at the 0100-level and no more than one of which can be an anthropology course. No courses may be taken outside of the regular fall and spring semesters at Middlebury (e.g., no winter term courses or transfer credits).
Anthropology Minor:SOAN 0103 and four elective courses in SOAN, no more than two of which can be at the 0100-level and no more than one of which can be a sociology course. No courses may be taken outside of the regular fall and spring semesters at Middlebury (e.g., no winter term courses or transfer credits).
Senior Project in Sociology/Anthropology:Each student must complete an independent research project of at least one semester. The senior program typically consists of either a one-semester senior project (SOAN 0700, one credit, usually 25-40 pages) or a two-semester senior project (SOAN 0710, two credits, usually 60-100 pages). Students who wish to work on a project for more than one semester must present their progress for review by two professors who will decide whether the project qualifies for extended study. A one-semester project can be either in the fall or spring semesters; a two-semester project is usually in the fall and winter semesters or in the winter and spring semesters. Variation from these patterns is possible by permission from the department. A mandatory non-credit senior seminar for both SOAN 0700 and SOAN 0710 begins the first week of fall semester and meets as necessary during the rest of the year. Senior project requirements for joint majors and other special circumstances will be approved in consultation with both departments.
A SOAN 0700 project qualifies for honors after both the project adviser and a second reader from the SOAN faculty agree that it deserves an A- or an A. A SOAN 0710 project qualifies for honors after an oral defense with the project advisor, a second reader from within the sociology/anthropology department, and (optional) a third reader from another part of the College or the local community. If this committee agrees that the SOAN 0710 project deserves a B+, the student receives honors; if the grade is A-, the student receives high honors; and if the grade is A, the student receives highest honors.
Departmental Honors:To receive honors, students must a) achieve a minimum of a B average in all sociology/anthropology courses and b) achieve an A or A- for their one-semester project (SOAN 0700), or an A, A- or B+ for their two-semester project (SOAN 0710).

SOAN 0103 Selected Topics in Sociocultural Anthropology (Fall 2017, Spring 2018)

This course introduces students to the varieties of human experience in social life and to the differing approaches and levels of analysis used by anthropologists to explain it. Topics include: culture and race, rituals and symbolism, kinship and gender roles, social evolution, political economy, and sociolinguistics. Ethnographic examples are drawn chiefly from non-Western societies, from simple bands to great agrarian states. The ultimate aim is to enable students to think critically about the bases of their own culture and about practices and beliefs previously unanalyzed and unexamined. 2 hrs. lect./1 hr. disc./2 hrs. screen (Anthropology) **CMP**, **SOC**
(Fall 2017: M. Sheridan; Spring 2018: D. Stoll)

SOAN 0105 Society and the Individual (Fall 2017, Spring 2018)

This course examines the ideas and enduring contributions of the giants of modern social theory, including Karl Marx, Max Weber, Emile Durkheim, and Sigmund Freud. Readings will include selections from original works, as well as contemporary essays. Key issues will include the nature of modernity, the direction of social change, and the role of human agency in constructing the "good society." This course serves as a general introduction to sociology. 3 hrs. lect. (Sociology) **SOC** *(Fall 2017: C. Han; Spring 2018: T. Tran, J. McCallum)*

SOAN 0107 Introduction to Archaeology (Spring 2018)

Archaeology is the scientific analysis and interpretation of cultural remains. Archaeologists examine artifacts, architecture, and even human remains in order to answer questions about the growth and development of societies worldwide. In addressing these issues we not only illuminate the past but also explore patterns relevant to contemporary social concerns. From the tropical lowlands of Central America to the deserts of ancient Egypt, this course provides an introduction to world prehistory. We proceed from humanity's earliest beginnings to the development of complex societies worldwide and use case examples to explore the major topics, methods, and theories of contemporary archaeology. 2 hrs. lect./1 hr. lab. (Anthropology) **HIS**, **SOC** *(J. Fitzsimmons)*

SOAN 0109 Language, Culture and Society (Spring 2018)

In this course students will be introduced to the comparative, ethnographic study of language in relation to socio-cultural context. Our readings will be drawn from diverse global settings and will focus upon language as the means by which people shape and are shaped by the social worlds in which they live. We will examine contrasts in ways of speaking across different communities, personal identities, and institutions. We will explore the consequences of communicative difference across a range of contact situations, including everyday conversation among peers, service encounters, political elections, and global connections or disconnections made possible through new media. 3 hrs. lect./disc. *(Anthropology)/* **CMP**, **SOC** *(M. Nevins)*

Cross-listed as: LNGT 0109

SOAN 0110 Current Social Issues in Japan (in English) (Fall 2017)

In this course we will use ethnography, fiction, and historical studies to examine some of the underlying themes of Japanese culture. Japan is a highly developed, post-industrial society renowned across the globe for economic success in the post-World War II period. What historical and social factors have shaped Japan’s contemporary culture, and how have interactions with other countries influenced Japanese society? We will study a number of different spheres of Japanese life including the family and the workplace to better understand contemporary society. We will pay special attention to Japan’s global position and its relationship to the United States. 3 hr. lect./disc. (Anthropology) **AAL**, **NOA**, **SOC** *(L. White)*

Cross-listed as: JAPN 0110 *

SOAN 0191 Gender and the Body (Fall 2017)

What is your gender and how do you know? In order to answer this question, we need to consider how gender is known through biology, psychology, consumer capitalism, and our everyday embodiment. We will also look at how the meaning and performance of gender have changed over time from Classical Greece to Victorian England to the contemporary U.S. Throughout, we will consider how gender does not operate along, but is always entangled with, race, class, sexuality, nationality, and ability. 3 hrs. lect. **CMP**, **SOC** *(L. Essig)*

Cross-listed as: GSFS 0191 *

SOAN 0201 Sociology of Labor (Spring 2018)

In this class we will survey the sociological literature on labor and labor movements in America and around the world. We will raise questions related to the organization and transformation of work, the making of class society, trade unionism and other class-based organizing, and the impact of globalization on labor organizations. Exploration of these key themes will happen through an analysis of classic and contemporary texts, as well as fiction and film. This is a seminar-style course with opportunities for students to lead class discussions and debates. 3 hrs. lect. (Sociology) **SOC** *(J. McCallum)*

SOAN 0211 Human Ecology (Spring 2018)

Environmental issues are also cultural and political conflicts, between competing social groups, economic interests and cultural paradigms. This course introduces students to human ecology, the study of how our adaptations to the environment are mediated by cultural differences and political economy. Topics include: how ecological anthropology has evolved as a subdiscipline, with a focus on systems theory and political ecology; how ritually regulated societies manage resources; how rural communities deal with environmental deterioration; and how contradictions between environmental protection, economic development, and cultural values complicate so many ecological issues. (SOAN 0103 or ENVS 0112 or ENVS 0211 or ENVS 0215 or BIOL 0140) 3 hrs. lect. (Anthropology) **CMP**, **SOC** *(M. Sheridan)*

SOAN 0212 The Family in Contemporary Society (Fall 2017)

This course will investigate the social, economic, and political forces that have brought about changes in family life in the beginning of the 21st century. We will begin by looking at various attempts to define "the family," and we will then explore a range of topics, including the webs of family relationships (e.g., mothering, fathering, kin networks), labor and family intersections (e.g., mediating between work and family; the household division of labor), gay and lesbian family life, and domestic violence. Although the focus will be on contemporary United States, we will also examine some cross-cultural and historical material. 3 hrs. lect. (Sociology) **AMR**, **CMP**, **NOR**, **SOC** *(M. Lawrence)*

SOAN 0215 Sociology of Education (Fall 2017)

In this course we will study education both as a social institution and as a social process. In our analysis of education and its relationship to the structure of society, we will pay particular attention to the intersection of gender, class, race, and ethnicity within schools. Our objective will be to explore the ways in which education might contribute to the reproduction of social inequalities, as well as its potential for social change. The substantive focus will be on American society. Limited places available for students to satisfy the college writing requirement. 3 hrs. lect. (Sociology) **AMR**, **CMP**, **NOR**, **SOC** *(T. Tran)*

SOAN 0230 Rethinking the Body in Contemporary Japan (In English) (Spring 2018)

In this course we will examine attitudes toward and tensions related to the human body in Japan. Looking at art, music, style, and social issues we will examine the symbolic as well as material concerns of bodies in contemporary Japan. Religious, historical, martial, and aesthetic understandings of bodies will be addressed. We will analyze Japan's current attitudes toward organ transplantation, treatment of the deceased, plastic surgery, surrogacy, sex change surgery and other embodied practices. Readings will include *Twice Dead* and *Commodifying Bodies*. 3 hrs. lect./ disc. (Anthropology) **AAL**, **NOA**, **SOC**

SOAN 0232 Africa and Anthropology: Power, Continuity, and Change (Fall 2017)

Sub-Saharan Africa has long represented primitive mysteries for Europeans and North Americans, as a ‘Dark Continent’ full of exotic people and animals. Even now, many Americans learn little about Africa and Africans except for ‘thin’ media reports of political, economic, and ecological upheaval or persistent poverty, disease, and despair. This course provides a ‘thick’ description and analysis of contemporary African conditions using ethnographies and films. We will not be exploring ‘traditional African cultures’ outside of their historical contexts or generalizing about ‘what African culture really is.’ Rather, our focus will be on understanding social continuity and change alongside cultural diversity and commonality. Topics will include colonialism, critical kinship studies, African feminism, environmental management, witchcraft and religion. Throughout the course African ideas of power – what it is, who has it, and why –unify these diverse topics as social relations. *(Anthropology)/* **AAL**, **SAF**, **SOC** *(M. Sheridan)*

SOAN 0235 The City and Its People (Spring 2018)

We all live somewhere, and increasingly we find ourselves living in an urban environment. In this course we will explore current topics in urban sociology, with particular emphasis on the power of place, culture, and community in U.S. cities. We will study the historical, cultural, and political conditions that have shaped contemporary U.S. cities, such as New York City, Chicago, and Los Angeles. We will examine how cities change and resist change through the lens of such subjects as migration, poverty, urban arts, crime, and education as it pertains to the city. Students will read a variety of ethnographic and sociological materials, in order to gain an understanding of the complexities of both urban life and processes of representation. 3 hrs. lect./disc. (Sociology) **AMR**, **NOR**, **SOC** *(M. Owens)*

SOAN 0240 Inequality and the American Dream (Spring 2018)

In this course we will explore sociological attempts to explain who “gets ahead” in the contemporary United States. We will discuss two distinct issues that are often conflated in public discussions: economic inequality and social mobility. We will consider the conceptual and empirical associations between these measures, how each has changed over time, how the United States compares to other countries, and how different social environments (such as colleges, neighborhoods, and families) influence life chances within and across generations. We will also examine the challenges of producing research about these topics, focusing on both theoretical and methodological issues. 3 hrs. lect./disc. **AMR**, **NOR**, **SOC** *(M. Lawrence)*

SOAN 0245 Social Life in an Age of Big Data (Fall 2017)

Until recently, quantitative social science relied on surveys or official statistics. Today, sociologists may link social media profiles to census records or student loan statements. In this course, we will consider some of the insights that such sources and methods of "Big Data" reveal about society. We will also critically examine the ethical dilemmas and cultural consequences of living in a world where many of our actions and interactions can be turned into data. Readings, discussions and occasional applied exercises will introduce students to core sociological topics and develop the tools to consume and engage quantitative social science research. 3 hrs. lect. **DED**, **SOC** *(M. Lawrence)*

SOAN 0252 Social Psychology in Sociology (Spring 2018)

The purpose of this course is to examine the relationship between self and society from a sociological perspective. Our initial focus will on the nature of symbols, language, and the social self as theorized by G. H. Mead and early "symbolic interactionists." We will then address the presentation of self through the works of Erving Goffman, and subsequently consider more contemporary concerns, such as emotions, emotional labor, and inequality in social interaction. The second half of the course will address questions of identity and debates surrounding the emergence of "postmodern" selves. 3 hrs. lect. (Sociology) **SOC** *(C. Han)*

SOAN 0267 Global Health (Spring 2018)

This course provides an introductory survey of the basic issues and initiatives in contemporary global public health, including in-depth case studies of public health projects in locales including Haiti, Venezuela, Brazil, Rwanda, and Pakistan. We will explore the political, socioeconomic, and cultural complexity of health problems, and critically examine the structure and methods of global public health institutions. 3 hrs. lect./disc. (Anthropology) **AAL**, **CMP**, **SOC** *(S. Closser)*

SOAN 0274 Global Flows: The Causes, Dynamics, and Consequences of International Migration (Spring 2018)

Whether they are asylum seekers, undocumented or legal migrants, large-scale movements of people across international borders raises important questions about human rights, nationality, and place. This global flow also presents unique challenges to both newcomers and residents of the receiving society as both sides contend with issues of loyalty, belonging, and identity. In this course we will examine these important issues using the United States as the primary (though not exclusive) context. Drawing upon historical and contemporary material, we will also discuss the social, cultural, political, and economic consequences of global migration. 3 hrs. lect./disc. (Sociology) **AMR**, **NOR**, **SOC** *(T. Tran)*

SOAN 0286 Global Contemporary Dance (Spring 2018)

In this seminar we will ask what dancing “locally” signifies in a global world and what coheres – across multiple dance practices, performances and intercultural collaborations – in the category of “contemporary dance.” Through ethnographic research and expository and embodied activities we will explore dance as a complex site of cultural negotiation and contestation, challenging binaries between Western and non-Western movement traditions. With a focus on Asia, Latin America, Africa and the Middle East, we will trace how dance flows transnationally across varied political economies; contributes to the formation of ethnic, racial, gendered, national and (post) colonial identities; and complicates notions of cultural “authenticity.” (No previous dance experience required)
3 hrs. lect/disc. **AAL**, **ART**, **CMP**, **SOC** *(K. Borni)*

Cross-listed as: DANC 0286 *

SOAN 0301 The Logic of Sociological Inquiry (Spring 2018)

In this course students will be introduced to the basic tools of sociological research including problem formulation, strategies of design and data collection, and analysis and presentation of results. This class will help students formulate a research question and develop a research strategy to best explore that question. Those strategies may include interviews, structured observation, participant observation, content analysis, and surveys. This class, strongly recommended for juniors, will culminate in the submission of a senior project proposal. (SOAN 0103 or SOAN 0105) 3 hrs. lect./disc./3 hrs. research lab. (Sociology) **CW**, **DED**, **SOC** *(R. Tiger)*

SOAN 0302 The Research Process: Ethnography and Qualitative Methods (Fall 2017)

The aim of this course is to prepare the student to conduct research, to analyze and present research in a scholarly manner, and to evaluate critically the research of others. Practice and evaluation of such basic techniques as observation, participant-observation, structured and open-ended interviews, and use of documents. Introduction to various methodological and theoretical frameworks. Thesis or essay prospectus is the final product of this course. Strongly recommended for juniors. Three-hour research lab required. (SOAN 0103 or SOAN 0105) 3 hrs. lect./disc./3 hrs. research lab (Anthropology) **CW**, **DED**, **SOC** *(S. Closser)*

SOAN 0304 Gender, Culture, and Power (Fall 2017)

This course offers a cross-cultural introduction to the issues involved in the study of women and gender. Such an endeavor raises a number of difficult and delicate issues. What explains the diversities and similarities in women's roles across societies? How do we assess women's status and power, and how do we decide which standards to use in doing so? What forces create changes in women's roles? What is the relationship between gender constructions and the nature of communities, economies, and even nations? Our analysis will concentrate on three primary domains: family and kinship, symbolic systems, and political economy. Course readings will focus primarily on non-Western societies. 3 hrs. lect./disc. *(Anthropology)/* **AAL**, **CMP**, **SOC** *(E. Oxfeld)*

Cross-listed as: GSFS 0304

SOAN 0305 Topics in Sociological Theory (Fall 2017)

This course provides an overview of major lines of development in 20th century social theory relevant to the field of sociology, focusing on how various theorists have grappled with the basic issues that have dominated 20th century social thought. Particular attention will be given to the questions arising from the conceptual distinctions between structure and action, on the one hand, and identity and culture, on the other. How is social order possible? How autonomous are human agents? How do we explain the persistence of observed patterns of human interaction and social practice? How do we analyze relations between the world of everyday life and the large-scale development of social systems? How does social change take place? (SOAN 0103 or SOAN 0105) 3 hrs. lect. (Sociology) **SOC** *(J. McCallum)*

SOAN 0306 Topics in Anthropological Theory (Spring 2018)

This course gives an introduction to some important themes in the development of anthropological thought, primarily in the past century in anglophone and francophone traditions. It emphasizes close comparative reading of selections from influential texts by authors who have shaped recent discourse within the social sciences. (SOAN 0103 or SOAN 0105) 3 hrs. lect. (Anthropology) *(E. Oxfeld)*

SOAN 0314 Sociology of Heterosexuality (Spring 2018)

Most people believe that heterosexuality is natural or rooted in biology and so never look very closely at it as a product of culture. In this course we will examine the artifacts, institutions, rituals, and ideologies that construct heterosexuality and the heterosexual person in American culture. We will also pay close attention to how heterosexuality works alongside other forms of social power, especially gender, race, and class. 3 hrs. lect. (Sociology) **AMR**, **NOR**, **SOC** *(L. Essig)*

Cross-listed as: GSFS 0314 *

SOAN 0319 The Idea of Drugs and Addiction (Fall 2017)

Drugs cause panic and social hysteria. We spend time talking about them and expend energy distinguishing between good and bad drugs and users. Movies, documentaries, literature, art, and television shows reflect this preoccupation with the use and misuse of drugs. In this course we will investigate the social significance of “drugs” as a cultural, rather than pharmacological, category. We will consider drugs and addiction as *ideas* that reflect concerns about the “self” in modernity. We will examine the panic surrounding drug use and addiction, our preoccupation with treatment, and our emphasis on sobriety. Overall, we will engage with the larger themes the idea of drugs and addiction raises: harm, exclusion, inequality, pleasure, freedom, desire, perfection, enlightenment, and control. 3hrs. lect./disc. (SOAN 0105 or SOAN 0288) (Sociology) **AMR**, **CMP**, **NOR**, **SOC** *(R. Tiger)*

SOAN 0320 Environmental (in)Justice in America (Spring 2018)

In this class we will explore dimensions of racial, class, and gender justice and injustice in the context of human-environmental relations in the United States. We will identify the ecological and socio-political forces that motivated attention to environmental justice starting in the mid-20th century. We will then employ theoretical theories such as critical race theory, social construction, and ecofeminism to examine recent cases of environmental injustice in the United States. Students will also investigate recent citizen, government, and corporate responses to environmental injustice to determine if they are fostering more equitable futures or actually (re)creating socio-environmental disparities in America. 3 hrs lect./disc. (Sociology) **AMR**, **NOR**, **SOC** *(E. Morrell)*

SOAN 0327 The Aztec Empire and the Spanish Conquest (Spring 2018)

This course centers around the rise and fall of the Aztecs, the first state-level society encountered by the Spanish in 1519. Although primarily known today for their military exploits for what today is Mexico, the Aztecs produced great artisans, artists, and philosophers whose contributions endure in contemporary Mexican culture. We will trace the origins and development of Aztec civilization to its encounter with the Spanish in 1519. The course also covers the Spanish background for the Conquest, from the martial and political expulsion of Moors and Jews from the Iberian Peninsula in 1492 to the Spanish Inquisition. 3 hrs. lect./disc. *(Anthropology)/* **AAL**, **AMR**, **CMP**, **HIS**, **SOC** *(J. Fitzsimmons)*

Cross-listed as: HIST 0327

SOAN 0328 The Rise and Fall of the Ancient Maya (Fall 2017)

As perhaps the most famous of all of the cultures of Mesoamerica, the Maya are best known for soaring temples, portraits of kings, a complex hieroglyphic writing system, and a dramatic collapse when their ancient kingdoms were abandoned or destroyed. In this course, we will view their accomplishments through the archaeology of the Classic Period (250-850 AD) and examine how the Maya built cities within the tropical jungles of present-day Mexico, Guatemala, Belize, El Salvador, and Honduras. We will also explore the history of the Maya after the “fall,” from their revival in the post-Classic Period to the present day. 3 hrs. lect./disc. (Anthropology) **AAL**, **AMR**, **SOC** *(J. Fitzsimmons)*

SOAN 0329 Refugees or Labor Migrants? The Anthropology of South-North Migration (Fall 2017)

More people from low-income countries are seeking to enter high-income countries. How many are refugees fleeing oppression, and how many are labor migrants seeking to increase their incomes and consumption levels? Do they have a human right to be admitted? Beefed-up border enforcement has led to thousands of deaths in the American Southwest and the Mediterranean, and now anxious voters are electing politicians who promise even harsher crackdowns. Based on ethnographies of international migration streams, this course will explore debates over border enforcement, migrant rights, the deportation industry and the migration industry, low-wage labor markets, and remittance economies, with a focus on Latin American migration to the U.S., African and Mideastern migration to Europe, and South Asian migration to the Middle East (Not open to students who have taken SOAN 1021) Limited places available for students to satisfy the college writing requirement. 3 hrs. lect./disc. (Anthropology) **AAL**, **AMR**, **CMP**, **CW** (5 seats), **SOC** *(D. Stoll)*

SOAN 0341 Anthropology of War and Peace (Spring 2018)

If peace provides such obvious benefits, why is warfare so persistent in human history? Why can organized violence be so appealing and even generate sanctity? Has human evolution selected for aggression, making violence an innate characteristic of human beings, or is violent behavior better understood as a product of how we are socialized? Why are religious and ethnic tensions interrupting the benefits of technological progress and global trade? Why has human rights activism been unable to halt the latest wars? What works to end wars? This course will begin with the cross-cultural study of war in pre-state societies, then turn to how states and empires provide the context for gang warfare in the U.S. and Latin America, civil wars in West Africa, and religiously-based violence in the Mideast. Simultaneously, we will explore how social groups make peace through intermarriage, other sociopolitical rituals, and religious conversion. 3 hrs. lect./disc., 2 hrs. screen (Anthropology) *(D. Stoll)*

SOAN 0342 Trust: Social and Cultural Capital (Spring 2018)

How do people come to trust or distrust one another? How does this relate to strategies for accumulating economic, social, and cultural capital? This class surveys cross-cultural examples of trust and accumulation in order to develop an intellectual tool kit for understanding and engaging issues of trust and community in periods of rapid social change. The themes will be broadly applicable to any sort of social activism. The core ideas will come from Bourdieu and Putnam, and these will be refined with case studies from non-Western societies. (Any 100-level SOAN course) 3 hrs. Sem. **CMP**, **SOC** *(M. Sheridan)*

SOAN 0355 Race and Ethnicity Across Cultures (Fall 2017)

Ethnicity and race are social phenomena that influence group relations, as well as personal identity, in many areas of the world. But what is "ethnicity" and what is "race"? In this course we will explore the varied approaches that have been utilized to understand race and ethnicity across diverse cultural settings. No single explanation of race and ethnicity is all encompassing, and so we will explore a number of different approaches. Among the issues we will examine are: alternative explanations of ethnic and racial identity formation; the causes and consequences of ethnic violence and competition; the connections among ethnicity, gender, and class; and the processes through which distinctions between self and other are created. 3 hrs. lect./disc. (Anthropology) **CMP**, **SOC** *(E. Oxfeld)*

SOAN 0356 The Continuing Significance of Race in the United States (Spring 2018)

This course will introduce students to theories of race and racism in the United States, how racial categories are formed and maintained in a variety of social arenas, and how race and racism influence social systems. In order to demonstrate the prevalence of race and racism in the U.S., the course will be a “topics” course in that each week, we will explore a different topic (such as education, crime, gender) and examine how they are influenced by race and racism. In addition, the course will compare and contrast the experiences of different racial and ethnic groups in the United States and examine how these different experiences influences the way they are seen, how they see themselves, and how they interact with other groups. Upon completion of the course, students will have a better understanding of the historic and contemporary significance of race and how race influences our everyday interactions in multiple different social arenas. 3 hrs. lect. (Sociology) **AMR**, **CMP**, **NOR**, **SOC** *(C. Han)*

SOAN 0365 Political Sociology (Fall 2017)

Political sociology examines the way power operates in society. In this class we will approach this question through different lenses-Liberal-pluralism, Marxism, Elite theory-to achieve an overview of the field. We will cover a variety of related issues including questions of political parties and the state, nationalism, identity, revolutions, and social movements. We will strive to understand why unequal power relations exist and how they change. 3 hrs. lect. (Sociology) **AMR**, **NOR**, **SOC** *(J. McCallum)*

SOAN 0370 Sociology of Knowledge and Food Systems (Fall 2017)

What is knowledge? Drawing on social theorists such as
Foucault, Haraway, and Jasanoff, in this course students will use the food system to examine the social construction of knowledge. We will explore the rise and important contributions of science across much of the globe, and we will also regard challenges to science’s dominant position. Students will critically evaluate whether and how other forms of knowledge can or should shape contemporary social, cultural, and political life. Specific cases will include genetic modification, the patenting of life forms, and food justice. Students with any topical interest, however, are welcome. (SOAN 105). 3 hrs sem. (Sociology) **SOC** *(E. Morrell)*

Cross-listed as: SOAN 0470

SOAN 0376 Politics of Identity (Fall 2017)

In this course we will introduce students to social diversity in the U.S. as it is reflected in four master identities: class, gender, race, and sexuality. We will examine what these identities mean for group membership, how group membership is attained or ascribed and maintained. Using both historical and contemporary materials, we will explore how identities have developed over time and how they have been challenged. In addition, we will examine how multiple identities intersect and the implications of these intersections have on individual identities. 3 hrs. lect./disc. (Sociology) **AMR**, **NOR**, **SOC** *(C. Han)*

Cross-listed as: GSFS 0376

SOAN 0385 Social Statistics (Spring 2018)

In this course we will learn the practical tools social sociologists and other scientists use to analyze data quantitatively. Topics will emphasize applications with statistical software and data from the General Social Survey and other datasets. We will explore methods to describe statistics about samples, apply the principles of probability to make predictions about populations, and estimate the significance of those predictions through inference and hypothesis testing. We will conclude with an introduction to linear regression. (Open only to majors or by Instructor Approval) 3 hrs. lect./disc. *(Sociology)/* **DED** *(M. Lawrence)*

SOAN 0387 Medical Anthropology: Approaches to Affliction and Healing (Spring 2018)

In this course, an introduction to medical anthropology, we will explore cultural and political-economic perspectives on health, illness, and disease. Topics covered include: (1) biocultural approaches to understanding health; (2) medical systems, including biomedicine and others; (3) the effects of poverty and inequality on health outcomes; and (4) the social construction of health and illness. Students will apply these concepts in understanding an aspect of health, illness, or healing in their own research project with an ethnographic component. An introductory course in anthropology or familiarity with medical or public health issues is recommended. 3 hrs. lect./disc. (Anthropology) **CMP**, **SOC** *(S. Closser)*

SOAN 0395 Environmental Communication (Spring 2018)

Do languages simply put different labels on the environment, from rocks to trees to carbon, or are what we see and what we value shaped by the ways that we talk about it? Drawing upon ethnography, linguistics, and critical discourse analysis, we will explore how environmental perceptions and modes of action are formed in and through language. We will bring an appreciation of language differences to the analysis of ongoing environmental controversies, where the various stakeholders draw contrasting boundaries between nature and culture and define human involvement with nature in different ways. 3 hrs. lect./disc. *(Anthropology)/* **CMP**, **SOC** *(M. Nevins)*

Cross-listed as: LNGT 0395

SOAN 0460 Global Consumptions: Food, Eating, and Power in Comparative Perspective (Spring 2018)

Using interdisciplinary approaches, we will examine the practices and politics of food and eating in a range of regions. Food sustains not only bodies, but national, ethnic, and social identities as well. Notions of time and space, order and transgression, nature and culture have long affected what people eat and how they do it. How does eating, this most basic and universal of human practices, both reflect difference and create it? How are food systems, symbolic and "real," linked to national and international politics: Finally, how are contemporary food practices influenced by "modernization" and "globalization"? We will consider these and other questions as they apply to Asia, Europe, Africa, Latin America, and the United States in the second half of the twentieth century. 3 hrs. sem. *(Anthropology)/ (E. Oxfeld)*

Cross-listed as: IGST 0460

SOAN 0470 Sociology of Knowledge and Food Systems (Fall 2017)

What is knowledge? Drawing on social theorists such as
Foucault, Haraway, and Jasanoff, in this course students will use the food system to examine the social construction of knowledge. We will explore the rise and important contributions of science across much of the globe, and we will also regard challenges to science's dominant position. Students will critically evaluate whether and how other forms of knowledge can or should shape contemporary social, cultural, and political life. Specific cases will include genetic modification, the patenting of life forms, and food justice. Students with any topical interest, however, are welcome. (SOAN 105). 3 hrs sem. (Sociology) **SOC** *(E. Morrell)*

Cross-listed as: SOAN 0370 *

SOAN 0478 Sociology of Punishment (Spring 2018)

In this course, we will examine the changing ideologies and practices of state-sponsored punishment that have led to the spectacular expansion of imprisonment and other forms of penal supervision in the U.S. Drawing on theoretical accounts of punishment, historical examinations of prison and parole, and contemporary studies of criminal law and sentencing, we will consider social control as it plays out via institutionalized contexts, namely prisons and asylums, as well as alternative sanctions, such as coerced treatment. We will identify the major phases of penal development and consider mass imprisonment as both a reflection and cause of racial and economic inequality. (SOAN 0105) 3 hrs. sem. (Sociology) **AMR**, **NOR**, **SOC** *(R. Tiger)*

SOAN 0494 Writing Ethnography for Social Change (Fall 2017)

In this course we will use frequent writing assignments, extensive peer reviews, and analysis of famous texts in a concentrated and intensive effort to improve our own ability to communicate in writing. In the first half of the course, we will focus on writing conventions and controversies in Anthropology, building skills useful in preparing senior work. In the second half of the course, we will break out of these academic conventions to focus on writing for broader audiences. We will ask: how can we successfully communicate the relevance of theoretical concepts in sociology and anthropology to the general public? (SOAN 301 or SOAN 302) 3 hrs. sem. (Anthropology) **CW**, **SOC** *(S. Closser)*

SOAN 0500 Advanced Individual Study (Fall 2017, Spring 2018)

Prior to registering for SOAN 0500, a student must enlist the support of a faculty advisor from the Department of Sociology/Anthropology. (Open to Majors only) (Approval Required) (Sociology or Anthropology)

SOAN 0700 One-Semester Senior Project (Fall 2017, Spring 2018)

Under the guidance of a faculty member, a student will carry out an independent, one-semester research project, often based on original data. The student must also participate in a senior seminar that begins the first week of fall semester and meets as necessary during the rest of the year. The final product must be presented in a written report of 25-40 pages, due the last day of classes. (Sociology or Anthropology)

SOAN 0710 Multi-Semester Senior Project (Fall 2017, Spring 2018)

Under the guidance of a faculty member, a senior will carry out an independent multi-semester research project, often based on original data. The student must also participate in a senior seminar that begins the first week of fall semester and meets as necessary during the rest of the year. The final product must be presented in a written report of 60-100 pages, due either at the end of the Winter Term or the Friday after spring break. (Sociology or Anthropology)

↑ Top

South Asian Studies Minor

Professor: Cynthia Packert; Ian Barrow (history); Sujata Moorti (gender, sexuality, and feminist studies); William Waldron (religion); Associate Professor: Yumna Siddiqi (English and American Studies); Other affiliated faculty: Febe Armanios (history), Jeffrey Lunstead (diplomat in residence, international and global studies); Ellen Oxfeld (sociology and anthropology)

This program offers a minor in South Asian Studies to students who complete the following requirements:

(1) Two of the following core courses which focus primarily on South Asia or the religions of South Asia:

ENAM 0270 Postcolonial Literature: 20th-Century South Asia
ENAM 0310 Postcolonial Studies and Politics
HARC 0227 Poetry, Piety & Power: Indian Painting 1200-Present
HIST 0238 Modern Sri Lanka
HIST 0239 Modern India
HIST 0429 Gandhi
IGST 0250 International Diplomacy and Modern South Asia
RELI 0140 Hindu Traditions of India
RELI 0150 The Islamic Tradition
RELI 0220 Buddhist Traditions in India
RELI 0224 Tibetan Tantric Traditions
RELI 0391 Seminar on Women and Religion (when offered as Goddesses of South Asia)
Winter term East India Company

(2) Two courses, chosen from group 1 (above) or from the following courses, which include significant course materials on South Asia or Islam:

HARC 0102 Monuments and Ideas in Asian Art
HARC 0204 Approaches to Islamic Art
HIST 0108 The Early History of Islam and the Middle East
HIST 0109 The History of Islam and the Middle East
IGST 0449 Imperialism and Culture
RELI 0120 Intro to Asian Religions
RELI 0255 Islam in the Modern World
RELI 0320 Seminar in Buddhist Philosophy
WAGS/ FMMC 0347 Remote Control: Global TV Culture

(3) One advanced, relevant 0400-level course (including those listed above in group 1) or an independent 0500-level project.

NOTE: Other courses offered during the fall and spring semesters, or during the winter term, or at universities in South Asia, may substitute for courses in category 2 at the discretion of the program director. The director or minor adviser will also approve courses to count in category 3.

There are many possibilities for study at universities in South Asia. Contact the Office of Off-

Campus Study for details.

↑ Top

Department of Spanish & Portuguese

Major in Spanish:The major consists of a minimum of nine courses numbered 0300 or above. The requirements are as follows:

I.Eight courses from the 0300-0399 level.

- A maximum ofthree courses from the 0300-0349 level may count towards the major (one must be taken before studying abroad)
- At leastfive courses must be at the 0350 level or above.
- At leasttwo of these 0350 level or above courses must be taken at Middlebury College during the academic year. The other elective courses may be taken on the Middlebury College campus during the academic year or at the Middlebury College Spanish School, the School in Spain, the Schools in Latin America, or, with departmental approval, at study abroad programs in Latin America sanctioned by Middlebury's Programs Abroad Committee.

II. A 0400-level seminar must be taken on the Middlebury College campus during the academic year in the students senior year.

- Study abroad in in a Spanish-speaking country for at least one semester is highly recommendedand a course at the 300 level is required before studying abroad. Students are expected to consult with their advisor when selecting courses and making plans to study abroad.

Joint Major:The Spanish component of a joint major will consist of at least six courses from departmental offerings numbered 0300 and above, as follows:

II.Five courses from the 0300-0399 level.

- A maximum ofone course from the 0300-0349 level may count towards the major. (must be taken before studying abroad)
- At leastfour courses must be at the 0350 level or above.
- At leasttwo of these 0350 level or above courses must be taken at Middlebury College during the academic year. The other elective courses may be taken on the Middlebury College campus during the academic year or at the Middlebury College Spanish School, the School in Spain, the Schools in Latin America, or, with departmental approval, at study abroad programs in Latin America sanctioned by Middlebury's Programs Abroad Committee.

II. A 0400 level seminar must be taken on the Middlebury College campus during the academic year in the students senior year.

- Study abroad in a Spanish-speaking country for at least one semester is highly recommended and a course at the 300 level is required before studying abroad. Students are expected to consult with their advisor when selecting courses and making plans to study abroad.

Spanish Courses

Courses labeled SPAN 0100 through 0299 are Elementary, Intermediate and Advanced Intermediate language instruction focused on developing skills in speaking, listening comprehension, reading and writing.

Courses labeled SPAN 0300 through 0349 introduce writers and significant themes in literature, film, linguistics, and culture & civilization. These courses are closed to juniors and seniors returning from study in Spain or Latin America.

Courses labeled SPAN 0350 through 0399 are advanced offerings that explore in greater depth a specific line of inquiry, literary, cultural or linguistic issue, or theme in Spanish and Spanish American writing and thought, and satisfy the International Studies advanced language requirement in Spanish.

Courses taken abroad will count as this level, regardless of their course number.

Courses labeled SPAN 0400 and above are reserved for seniors who are Spanish majors, Latin American Studies majors with a literature and culture track, and European Studies majors with a Spanish literature and culture track; others only by approval.

Minor in Spanish:The Spanish minor consists of at least four courses numbered 0300 or above, at least two of which are at the 0350-level or above. Courses can be taken on campus during the academic year or at the Middlebury College Spanish School, the School in Spain, the Schools in Latin America, or, with departmental approval, at study abroad programs in Spain or Latin America sanctioned by Middleburys Programs Abroad Committee. At least one 0350-level or above course must be taken at the Middlebury College campus during the academic year.

Senior Work:During the senior year, majors and joint majors must complete a 0400-level seminar.

International and Global Studies Major with Spanish Language: Along with other required courses and senior work as described in the International and Global Studies Major section, completion of the Spanish language component requires: (1) proficiency in Spanish (a minimum of one course at the 0300 level or above, or work in the Spanish summer school at the 0300 level or above); (2) at least one semester, preferably a year, abroad in a Spanish-speaking country; and (3) one or more courses at or above the 0350 level upon return from abroad.

Advanced Placement:College credit is awarded for successful performance on the Advanced Placement Examinations in Spanish Language and/or Spanish Literature. In all cases the student must satisfactorily complete a course at the 0300 level before the credit will be awarded. AP credit does not affect course placement, nor does it count towards the major or minor. There is a maximum of one credit allowed for Spanish AP.

Programs Abroad for Juniors:The department expects that majors will spend at least one semester in residence in a Spanish-speaking country. Middlebury's School in Spain offers both year and semester programs in Madrid. Sites in Cordoba, Getafe, and Logroo are designed for immersion in the Spanish university system. Middlebury's Schools in Latin America (Argentina, Chile, Mxico and Uruguay) offers both year and semester programs. Internship opportunities are available. For more information on these programs, please see the Schools Abroad Web page:http://www.middlebury.edu/sa/. Students who are interested in going abroad and who are also double or joint majors or are thinking of participating in the teacher education program should consult with their advisors in both areas as early as possible to avoid any conflict in plans.

Students who are planning to study abroad at the C.V. Starr-Middlebury Schools in Spain or Latin America are required to have taken at least one course at the 0300 level or above.

Honors:The department will award honors on the basis of a student's work in the department and performance in SPAN 0705. All students interested in receiving honors must contact their advisors at the start of their last year at Middlebury; either in September or in February. Please see the course description for SPAN 0705.

Portuguese

Minor in Portuguese: The Portuguese minor consists of at least four courses numbered 0300 or above, at least two of which are at the 0350-level or above. Courses can be taken on campus during the academic year or at the Middlebury College Portuguese Language School, the C.V. Starr-Middlebury School in Brazil, or, with departmental approval, at study abroad programs in Lusophone countries sanctioned by Middleburys Programs Abroad Committee. At least one 0350-level or above course must be taken at the Middlebury College campus during the academic year.
International Studies: Latin American studies majors with a track in the literature and culture of Brazil must take, in addition to their core and regional requirements: PGSE 0202 or its equivalent, four upper level courses in literature or culture taken at Middlebury or in Brazil, and PGSE 0500 during the senior year. At least one elective must be taken at Middlebury during the academic year.

PGSE 0210 Beginning Portuguese for Romance-Language Speakers (Fall 2017, Spring 2018)

This course is designed for Romance-language speakers and advanced Romance-language learners at the 0200 or 0300-level, depending on the language. It is an intensive introduction to Portuguese, covering all of the basic structures and vocabulary as well as important aspects of the cultures of Lusophone countries. Language learning is based on the students' previous knowledge of one or more Romance languages. Students are expected to continue with PGSE 0215, after successful completion of PGSE 0210. (FREN 0205, ITAL 0251, SPAN 0220, or placement at French 0210 or above, Italian 0252 or above, Spanish 0300 or above, or instructor's approval) 6 hrs. lect./disc. **LNG** *(Fall 2017: M. Hernandez-Romero, M. Higa; Spring 2018: F. Rocha)*

PGSE 0215 Advanced Portuguese (Fall 2017, Spring 2018)

This course is a continuation of either PGSE 0103 or PGSE 0210. It is designed to balance textual and cultural analysis with a thorough review of grammar at an intermediate/high level. Students will hone their critical thinking and linguistic skills through guided readings, oral discussions, and short written assignments on Lusophone cultural topics. (PGSE 0103 or PGSE 0210 or by waiver) 4 hrs. lect./disc. **LNG** *(Fall 2017: M. Hernandez-Romero; Spring 2018: F. Rocha, M. Higa)*

PGSE 0324 Slavery and Resistance: Visions for the Present (Fall 2017)

In this course we will analyze how slaves and slave communities in Brazil were able to forge different modes of resistance in the face of the atrocities that resulted from the trans-Atlantic slave trade. We will delve into printed and audio-visual materials to analyze how resistance operated at both a macro and a micro level, but also extend our study into the present, looking at how Brazilians nowadays reinvigorate old forms of resistance. The ultimate goal of the course is to establish a bridge between those enslaved communities' self-empowerment and the students' visions of resistance in the present time. We will also work on developing students' language abilities at an advanced level. (PGSE 0215 or by approval). 3 hrs. lect. **AAL**, **AMR**, **LIT**, **LNG** *(F. Rocha)*

PGSE 0359 Through the Looking Glass: Short Stories from the Spanish and Portuguese Americas (Fall 2017)

This course will be taught in Spanish and Portuguese for students proficient in or who have previously studied both languages. The main goal of the course is to examine and compare key historical issues of the Hispanic and Lusophone Americas through the reading of short stories. By scrutinizing these issues in both contexts, and contrasting them, students will explore their commonalities and specificities. Critical essays will accompany the fictional texts. Authors to be read include Borges, Rulfo, and García Márquez, from the Spanish side; Rosa, Lispector, and Machado de Assis, from the Portuguese side. Topics to be analyzed are violence, love and sexuality, madness and sickness, power dynamics, otherness, and the feminine condition. (PGSE 0215 and SPAN 0350 or above, or by approval) 3hrs. lect. **AMR**, **CMP**, **LIT**, **LNG** *(M. Higa, L. Castaneda)*

Cross-listed as: SPAN 0359

PGSE 0370 A Cultural History of Brazilian Soccer (Spring 2018)

Brazilians usually joke that volleyball is the country's #1 sport, because soccer in Brazil does not count as a sport, it is a religion. In this course students will learn about the history of Brazilian soccer and how it became a "religion". This history begins in 1895 when Charles Miller, coming from England, organized in São Paulo the first soccer game ever played in Brazil. Since then, the sport has deeply permeated Brazilian culture and arts (literature, music, cinema). Topics to be examined in this historical context are race, social class, gender, politics, and national identity. Materials to be discussed include fictional and non-fictional texts, songs, videos, and movies. Depending on the number of students enrolled, the course will be scheduled to have one soccer practice and one game (against another team) during the semester. Students may opt out of the practice and/or the game if they want. (PGSE 0215, or by approval) 3hrs. lect **AAL**, **AMR**, **LIT**, **LNG** *(M. Higa)*

PGSE 0500 Independent Study (Fall 2017, Spring 2018)

(Approval Required)

SPAN 0101 Beginning Spanish I (Fall 2017)

This course is an introduction to the fundamentals of grammar and focuses on the development of four skills in Spanish: comprehension, speaking, reading, and writing. Emphasis will be placed on active communication aimed at the development of oral and comprehension skills. This course is for students who have not previously studied Spanish. Students are expected to continue with SPAN 0102 and SPAN 0103 after successful completion of SPAN 0101. 5 hrs. lect./disc. *(M. Rohena-Madrazo, A. Fil)*

SPAN 0103 Beginning Spanish III (Spring 2018)

This course is a continuation of SPAN 0102. Intensive reading, writing, and oral activities will advance students' proficiency in Spanish in an academic setting. (SPAN 0102) 5 hrs. lect./disc. *(A. Fil)*

SPAN 0105 Accelerated Basic Spanish (Fall 2017, Spring 2018)

This accelerated course is designed to reinforce, in one semester, the basic linguistic structures that students need in order to reach the intermediate level of proficiency in Spanish. Strong emphasis will be given to reading and composition. SPAN 0105 is designed specifically for students with 2-3 years of high school Spanish, but who have not yet achieved intermediate proficiency. (Placement test required) 5 hrs. lect./disc. *(Fall 2017: L. Castaneda; Spring 2018: M. Hernandez-Romero)*

SPAN 0201 Intermediate Spanish (Fall 2017, Spring 2018)

This accelerated course is designed to review, reinforce, and consolidate the linguistic structures that students need in order to reach the intermediate level of proficiency in Spanish. A grammar review will accompany intensive language acquisition, vocabulary expansion, readings, discussions, and compositions. (Placement test required) 3 hrs. lect., 1 hr. drill. **LNG** *(Fall 2017: L. Lesta Garcia, G. Gonzalez Zenteno, N. Poppe; Spring 2018: M. Hernandez-Romero, L. Lesta Garcia)*

SPAN 0220 Intermediate Spanish II (Fall 2017, Spring 2018)

A course for students seeking to perfect their academic writing skills in Spanish. The course is also an introduction to literary analysis and critical writing and will include reading and oral discussion of literary texts. The course will also include a thorough review of grammar at a fairly advanced level. This course may be used to fulfill the foreign languages distribution requirement. (SPAN 0201, SPAN 0210, or placement) 3 hrs. lect./disc. **LNG** *(Fall 2017: L. Lesta Garcia, I. Feldman, B. Baird, P. Saldarriaga; Spring 2018: E. Garcia, R. Chavez-Castaneda, L. Castaneda, M. Rohena-Madrazo)*

SPAN 0300 An Introduction to the Study of Hispanic Literature (Spring 2018)

This course in literature and advanced language is designed to introduce students to literary analysis and critical writing. The work will be based on the reading of a number of works in prose, drama, and poetry. Frequent short, critical essays will complement readings and provide students with practice in writing. (SPAN 0220 or placement) 3 hrs. lect./disc. **AAL**, **CMP**, **CW** (16 seats), **LIT**, **LNG** *(I. Feldman, P. Saldarriaga)*

SPAN 0301 Advanced Spanish Grammar (Fall 2017, Spring 2018)

This course offers a detailed study of complex aspects of Spanish grammar and syntax. Designed to build upon students' existing knowledge of Spanish grammar, the course will begin with a reconsideration of all the tenses in both the indicative and subjunctive moods, their values and their uses. After briefly reviewing the structure of simple sentences, we will analyze in depth all the different types of dependent clauses. Within the context of sentence structure, we will also look at several key aspects of Spanish grammar (ser and estar, prepositions, the infinitive, and the gerund, among others). Students will demonstrate their understanding of the material through a variety of practical and creative exercises. (SPAN 0220 or placement; not open to students who have taken SPAN 0380). **LNG** *(M. Manrique-Gomez)*

SPAN 0303 Introduction to Spanish Phonetics and Pronunciation (Spring 2018)

In this course we will study the sound system of Spanish with the aims of introducing the fields of phonetics and phonology while improving pronunciation. Students will become familiar with phonetic transcription, comparing and contrasting articulatory and acoustic characteristics of Spanish as well as English in order to understand and implement different phonological patterns produced by native speakers of Spanish. Additionally, we will discuss major pronunciation differences across the Spanish-speaking world. (SPAN 0220 or placement) 3 hrs. lect./disc. **LNG** *(M. Rohena-Madrazo)*

Cross-listed as: LNGT 0303

SPAN 0304 Ideas and Cultures of Spain (Spring 2018)

In this course we will analyze the major sociopolitical and cultural elements in representative Spanish texts from the Middle Ages to the present. We will discuss literary, historical, and political texts, works of art, and films that illustrate cultural elements that bear upon the formation of present day Spanish culture and civilization. (SPAN 0220 or placement) 3 hrs. lect./disc. **EUR**, **LNG** *(L. Lesta Garcia)*

SPAN 0307 Ideas and Cultures of the Southern Cone (Fall 2017)

What's in a name? A sub-region of Latin America, the Southern Cone consists of three countries marked by cultural, geographical, historical, sociopolitical (dis)connection. In this course we will approach Argentina, Chile, and Uruguay not only as nations, but as a region with extensive transnational connections. Through analysis of a wide-range of cultural products like Ercilla's early modern epic poem *La Araucana*, Figari's paintings depicting *candombé* culture, and films of the New Argentine Cinema, we will study aspects of the cultural identities and intellectual histories of these countries and the region. (SPAN 0220 or placement) 3 hrs. lect./disc **AAL**, **AMR**, **LIT**, **LNG** *(N. Poppe)*

SPAN 0310 Otherness in Hispanic Lit. (Spring 2018)

(Intimate) Otherness in Contemporary Hispanic Fiction*
Recent Hispanic literature locates otherness in ambiguous spaces. The "other" can be excluded in order to demarcate selfhood, but also recognized as internal ("intimate") to a complex and perhaps richer self. In this course students will sharpen oral and written communication skills and build a sophisticated vocabulary to analyze the literary and cultural context of the Spanish speaking world. This goal will be accomplished through readings in late 20th/early 21st century short stories and novellas from the Iberian Peninsula and Spanish America. Race, gender, class, nationality, and health are some perspectives we will adopt in order to map the literary production/deconstruction of "others" as marginalized/embraced subjects. (SPAN 0220 or placement) 3 hrs. lect./disc. **CMP**, **LIT**, **LNG** *(L. Castaneda)*

SPAN 0313 The Hispanic Short Story (Spring 2018)

In this course we will study the main literary, sociopolitical, and cultural issues in a selection of short stories from the Hispanic world. Emphasis will be on the close reading of texts with the purpose of developing critical vocabulary and writing skills. Authors may include: Pardo Bazán, Valle Inclán, Palma, Borges, Rulfo, Corázar, Quiroga, Matute. (SPAN 0220 or placement) 3 hrs. lect./disc. **AAL**, **AMR**, **LIT**, **LNG** *(R. Chavez-Castaneda)*

SPAN 0322 Introduction to Hispanic Linguistics (Fall 2017)

This course is an introduction to the theory and methodology of linguistics as applied to the study of Spanish. The course's goals are to understand the basic characteristics of human language (and of Spanish in particular), and to learn the techniques used to describe and explain linguistic phenomena. We will study the sound system (phonetics/phonology), the structure of words (morphology), the construction of sentences (syntax), as well as the history and sociolinguistic variation of the Spanish language, as spoken in communities in Europe, Latin America, and Northern America. We will examine texts, speech samples, and songs, illustrating these linguistic phenomena. (SPAN 0220 or placement) 3 hrs. lect./disc. **CMP**, **LNG**, **SOC** *(B. Baird)*

Cross-listed as: LNGT 0322

SPAN 0324 Images of America (Fall 2017)

In this course we will explore how America has been imagined by travelers, writers, photographers, and filmmakers from the 15th to the 21st century. We will study how Latin America was envisioned as a continent; how its internal regional differences have been depicted; and how it was pictured in comparison with its neighbor, North America. We will read Guamán Poma, Bolivar, Martí, Mario de Andrade, and Neruda and will consider the artistic production of Martin Chambi and Nelson Pereira Dos Santos, among others. Edmundo O'Gorman's conceptualization of the "invention of America" will inform our theoretical approach to the topic. lect./disc. (SPAN 0220 or equivalent) **AAL**, **AMR**, **LIT**, **LNG** *(I. Feldman)*

SPAN 0328 Spain in the Globalized World (Fall 2017)

In this course we will look at the historical, cultural, and social development of 21st century Spain and its full integration into the Globalized World. One of the main goals of the course will be to provide an array of opportunities to practice oral expression, reading, and writing in the Spanish language. Topics will include Europeanization, the challenge of regional/national identities, and contemporary social issues such as the changing roles of: the family, women, religion, sexual attitudes, and immigration. We will engage these themes through the analysis and discussion of a wide variety of materials such as literary texts, essays, and films. Readings and films will include: *Crematorio* by Rafael Chirbes, *La ciudadanía se moviliza: Los movientos sociales y la globalización en España* by Joseph Pont Vidal, and *También la lluvia* by Icíar Bollaín. (SPAN 0220 or placement) **EUR**, **LNG** *(N. Poppe)*

SPAN 0329 Superhero Parodies (Fall 2017)

In this class we will discuss how the superhero/adventure genre in comic books was initially constructed as a mouthpiece of traditionalist nationalist values in the United States and Spain. Through the study of theories of intertextuality and postcolonial theory, students will analyze how Hispanic/Latin comic book creators from Europe and the Americas have parodied the hegemonic values that have influenced our views of economics, gender, and race with the goals of bringing diversity and inclusion in this particular graphic narrative genre. (SPAN 0220 or placement) 3 hrs. lect./disc. **AAL**, **AMR**, **ART**, **CMP**, **LIT**, **LNG** *(E. Garcia)*

SPAN 0336 Hispanic Performance Studies (Fall 2017)

Performance studies is an interdisciplinary field that borrows from theatre studies, anthropology, sociology, and cultural studies. This course offers an introduction to performance studies through a focus on Hispanic culture. We will ask the question “What is performance?” and develop the tools to describe, analyze, and interpret a broad range of performances such as plays, political speeches, bullfights, protests, recordings, celebrations, and everyday encounters. We will focus on performance as a process–oriented, participatory, and experiential way of engaging the world. We will concentrate on the overlapping aspects of performance as/of literature (poetry and drama), as/of everyday life (ritual, identity, and culture), and as/of politics (power, activism, and social change). We will pay particular attention to the relationship of performance to social culture, investigating the link between performance and race, gender, and sexuality. Because the goal of the course is to produce critical thinkers who are capable of using performance as an analytical tool and as part of a creative process, students will be required to perform. (SPAN 0220 or placement) 3 hrs. lect./disc **AMR**, **ART**, **LNG**, **NOR** *(M. Fernandez)*

SPAN 0340 Representations of Social, Cultural, and Political Identities in Spain (Spring 2018)

In this course we will study the different representations of Spanish culture and politics. We will emphasize specific aspects that make Spain richly varied: Spain´s breathtaking reinvention and reaffirmation of its own identity after the Disaster of 1898, religious customs and conflicts, gender relations, political values of Spaniards. At the same time, the cultural impact of Don Quixote, Goya, Lorca, republicanism and dictatorship, civil war, flamenco, bullfighting, and soccer. Works to be discussed include a short selection of literary pieces, cultural, visual, musical, and film representations. This course is recommended for students planning to study in Spain. (SPAN 0220 or placement) 3 hrs. lect. *disc.* **EUR**, **LNG** *(M. Manrique-Gomez)*

SPAN 0349 Hispanic Athletes: Sports, Nationalist Culture, and the Global Media (Fall 2017)

In this course, we will study sports as an essential part in the construction of nationalist pride and perceptions of race, class, and gender in several Hispanic nation-states and subcultures in Europe and the Americas. We will analyze fictional narrative content such as literature and films (*Pepe el Toro*, *Sugar*, *Black Diamonds*, and many others). In addition, we will also explore how media outlets such as newspapers, magazines, videogames, documentaries, and the internet affect our perceptions of sporting events and their superstars to create controversies, support hegemonic nationalist ideas, and further the commercial ambitions of corporations. (SPAN 0220 or placement) 3 hrs. lect./disc. **AAL**, **AMR**, **CMP**, **LNG** *(E. Garcia)*

SPAN 0359 Through the Looking Glass: Short Stories from the Spanish and Portuguese Americas (Fall 2017)

This course will be taught in Spanish and Portuguese for students proficient in or who have previously studied both languages. The main goal of the course is to examine and compare key historical issues of the Hispanic and Lusophone Americas through the reading of short stories. By scrutinizing these issues in both contexts, and contrasting them, students will explore their commonalities and specificities. Critical essays will accompany the fictional texts. Authors to be read include Borges, Rulfo, and García Márquez, from the Spanish side; Rosa, Lispector, and Machado de Assis, from the Portuguese side. Topics to be analyzed are violence, love and sexuality, madness and sickness, power dynamics, otherness, and the feminine condition. (PGSE 0215 and SPAN 0350 or above, or by approval) 3hrs. lect. **AAL**, **AMR**, **CMP**, **LIT**, **LNG** *(M. Higa, L. Castaneda)*

Cross-listed as: PGSE 0359 *

SPAN 0360 Latin American Journalism (Spring 2018)

In this course we will study the tradition of Latin American journalism from the end of the 19th century to the present. We will engage the classics such as Mariategui, Gutierrez Najera, and Arlt, as well as more contemporary journalistic production in print, radio broadcasting, on television, (Canal Encuentro; TV Globo) and the internet (blogs). The Cultural Studies approach (Sarlo, Adorno) will inform our reading. Students will produce their own journalistic pieces—both written and audio-visual—in the genres including chronicles, reports, interviews, investigative journalistic pieces, and opinion pieces. 3 hrs. lect/dsc **AAL**, **AMR**, **CMP**, **LIT** *(I. Feldman)*

SPAN 0361 Hispanic Musical Films (Spring 2018)

In this course we will study Hispanic musical films (including fiction and documentaries) from Spain, Latin America, and the United States. Our main goal will be to understand how Hispanic countries use this cinematic genre to establish nationalist constructions and ideologies, and how this has consequently affected the development of Hispanic musical narratives in the United States. Analyses will focus on how different ethnic aspects are defined as 'Other' in musical genres such as Flamenco, Tango, Rancheras, Tex-Mex, Salsa, Reggaeton, Merengue, and Spanish Rock. We will explore why Hispanic musicals are perceived as exotic in relation to their Anglophone counterparts while studying films such as *Buena Vista Social Club*, *Allá en el rancho grande*, *Selena*, and *El día que me quieras*. (At least two Spanish courses at the 0300 level or above, or by waiver) 3 hrs. lect./screening **AAL**, **AMR**, **CMP**, **LIT** *(E. Garcia)*

SPAN 0376 Reading and Writing the New U.S. Latino Narrative (Fall 2017)

This course focuses on a new generation of U.S.-Latino authors writing about migration, identity, and otherness. They distinguish themselves from prior generations by publishing primarily in Spanish and by a new sense of ownership of their U.S. environment, which allows them to play with and undermine assumptions commonly associated with their "Latino" identity. In addition to studying these authors, students will produce at least two fiction pieces of their own. Satisfies the IS advanced language requirement in Spanish. (At least two Spanish courses at the 0300 level or above, or by waiver) 3 hrs. lect./disc. **AAL**, **AMR**, **LIT**, **LNG**, **NOR** *(G. Gonzalez Zenteno)*

SPAN 0377 Bilingualism in the Spanish-Speaking World (Spring 2018)

What does it mean to be bilingual? In this course we will study bilingualism with a special emphasis on Spanish-speaking bilinguals in Europe, Latin America, and the United States. Course topics will include social, political, linguistic, and psychological aspects of bilingualism. Special attention will be paid to societal bilingualism, language use among a group or community, individual bilingualism, how an individual's language use changes in different contexts and throughout an individual's lifespan, and government and educational policies throughout the Spanish-speaking world. We will study texts, speech samples, and media that highlight different aspects of bilingualism. (At least two Spanish courses at the 0300 level or above, or by waiver) 3 hrs. lect./disc. **CMP**, **LNG**, **SOC** *(B. Baird)*

Cross-listed as: LNGT 0377

SPAN 0380 Understanding the Myth of Don Juan in the Western Tradition (Fall 2017)

The myth of Don Juan has embodied the thoughts, desires, and aspirations of multiple authors from different times and countries. In this course we will gain insights into core characteristics that define the Don Juan persona. We will analyze the original components of the character of Don Juan, situate the myth in its social and historical contexts, and study the different dramatic and literary strategies used by authors, artists, and filmmakers in their construction of Don Juan. Resources to be analyzed will include: fiction, poetry, film (fiction and documentary), philosophical essays, painting, music, and performance. 3 hrs lect./disc. **EUR**, **LIT**, **LNG** *(M. Manrique-Gomez)*

SPAN 0401 Culture and Mental Illness (Fall 2017)

How do cultural contexts shape the understanding of mental illness? How have different Hispanic cultures depicted various mental ailments? How do doctors, government, and the society respond to individuals who “lose their mind”? This seminar examines how ‘mental illness’ is understood in various Hispanic cultures and across time. By looking at mental illness, we will investigate the intellectual foundations of social norms and ways of reasoning in different historical and social circumstances. Readings will include works by Cervantes Rivera Garza, Loriga, Zunzunegui, Bellatin, Melanie Klein, Karen Horney, and Foucault. 3 hrs Sem. **CMP**, **EUR**, **LIT**, **LNG** *(L. Castaneda)*

SPAN 0499 Open Topic Research Seminar (Spring 2018)

In this seminar students will develop a research project on a topic of their choice. At the beginning of the semester, the class will focus on research methodology, the discussion of different cultural theories, and their application. Students will be encouraged to focus on, or make comparisons with, contemporary cultural phenomena that they are passionate about so that they can explore how to discuss current issues from a theoretical perspective. The seminar will include a mixture of group and individual meetings; readings will be adjusted according to students’ interests. At the end of the semester, students will present their final paper in a departmental venue. (Two Spanish courses numbered 0350 or above or by waiver) 3hrs. sem/disc **LNG** *(P. Saldarriaga)*

SPAN 0500 Independent Study (Fall 2017, Spring 2018)

The department will consider requests by qualified juniors and senior majors to engage in independent work. (Approval only)

SPAN 0705 Senior Honors Thesis (Fall 2017, Spring 2018)

The department will award honors, high honors, or highest honors on the basis of a student's work in the department and performance in SPAN 0705. (Approval only) *(R. Chavez-Castaneda, I. Feldman, M. Fernandez, L. Lesta Garcia, E. Garcia, L. Castaneda, A. Fil, P. Saldarriaga, M. Rohena-Madrazo)*

↑ Top

Program in Studio Art

Required for the Major (12 courses): ART 0157, or ART 0159, or another introductory level drawing course; HARC 0100 or HARC 0102 (or an approved substitute in the history of art practice); five studio art courses, three of which must be at the 0300 level or higher;* four additional courses in either studio art practice or any cross-disciplinary electives chosen in consultation with your advisors from the elective categories below; andART 0700 is also required.
* The 0300 level classes integrate to give students well-rounded experience in major approaches to the practice of visual art. Classes in sculpture, photography, printmaking and painting focus on unique properties of each medium, yet highlight technical and expressive connections with each other and other areas of the curriculum (see elective categories). Instruction is highly individualized in order to help students develop their own artistic voice.
Joint Major Requirements (8 courses): ART 0157, or ART 0159, or another introductory level drawing course; HARC 0100 or HARC 0102 (or an approved substitute in the history of art-practice); four electives in studio art, three of which must be at the 0300 level or higher; one additional elective chosen in consultation with your advisors from the elective categories below; and ART 0700.
Minors in Studio Art (6 courses): ART 0157, ART 0159, or another introductory level drawing course; HARC 0100 or HARC 0102 (or an approved substitute in the history of art practice); four studio art courses, three of which must be at the 0300 level or higher. Minors are eligible to apply to enroll in ART 0700.

Elective Categories for Studio Art Major*:*
History of Visual Art Practice:Any history course in the history of human visual culture. For examples, please refer to the course descriptions of AMST 0225, FMMC 0267, HARC 0204, IGST 0420, and PHIL 0233.

Visual Imaging: Any course that seeks to understand and process knowledge through cognitive visual imaging. For examples, please refer to the course descriptions of CSCI 0461, DANC 0361, GEOG 0325, GEOL 0211, and PHYS 0221.

Metaphorical Thinking: Any course that teaches how to process knowledge through mapping experience between two realms, linguistic or non-linguistic. For examples, please refer to the course descriptions of CRWR 0170, ENVS/DANC 0277, FMMC 0106, MATH 0121, PHYS 0101, PHYS 0201, THEA 0218, and SPAN 0320.

Creative Practice: Any creative practicum course. For examples, please refer to the course descriptions of DANC 0160, FMMC 0348, HARC 0330, and MUSC 0221.

Honors: Categories of honors are based upon cumulative departmental averages as follows: honors, 3.7; high honors, 3.8; highest honors, 3.9 or higher.
Teacher Training: Students interested in teacher training in art should consult with the chairs of theeducation studiesprogram and the studio art program.
Study Abroad: Many students in Studio Art wish to pursue visual art-practice in depth during junior year away from Middlebury. The Program has long experience with many institutions abroad (as well in the U.S.) that offer excellent studio art programs. Students should consult with their advisors to develop a plan for which schools and programs of study are most suitable

for their goals.

ART 0157 Foundation Drawing: Making Drawings to Explain the World Around Us (Spring 2018)

In this course we will learn to make drawings and graphic images to reveal the world we inhabit. Skills learned will include how to make perspective, architecture, value, and contour line systems. We will draw from observation of the natural world including, the human figure, exploring structure, expression, and psychology. We will also make and use photographic images. No previous studio experience is required or expected. 6 hrs. lect./lab **ART** *(J. Butler)*

ART 0159 Studio Art I: Drawing (Fall 2017)

This course is a complete and thorough basic drawing course. Mediums used will be pencil, charcoal, and ink, among others. Work will be done from observation and invention. Line, perspective, value, composition, and introduction to color will be discussed. Assignments will involve students with the formal and technical aspects of drawing and with the idea of drawing as an individual means of expression. No prior drawing experience is assumed or expected. This course is required of all art majors and minors. 6 hrs. lect./lab **ART** *(H. Klein)*

ART 0168 Form From The Body (Fall 2017)

This introductory 3-D course will start with a comprehensive overview of the basic techniques involved in modeling from the human figure, through additive (clay) and subtractive (carving) processes. Once understanding of anatomical structure, proportions, mass, balance, volume, weight, and gesture is achieved, we will explore the human figure’s influence on the designs of every object ever made, from architecture and furniture to a light switch or the highway system. Utilizing this knowledge, we will create new forms to intentionally exploit this relationship, blurring the line between figure and object. Slide presentations of contemporary and historical artworks will integrate individual instruction and group critiques. No experience is required or expected. 6 hrs. lect./lab **ART** *(S. Mirling)*

ART 0180 Sculptural Architecture (Fall 2017)

Architecture is a projection of our dreams as well as a practical necessity. In this course we will explore making architecture as imaginative sculpture. Working on a table-top scale, we will draw, build, and digitally photograph structures confronting challenges of site, population, and aesthetics. Specific and useful skills, such as hand and power tool operation, will be taught. Students will learn how to make sophisticated three-dimensional forms using foam-core, balsa, mahogany, and other woods. In addition, unusual processes of flame-worked and fused glass will be introduced. Weekly image-lectures on the history of sculpture, design, and architecture will be included. This class is recommended for those interested in bridging architectural practice with studio art freedom. No experience is required or expected. 6 hrs. lect./lab
ART *(J. Butler)*

ART 0185 I Draw Therefore I See: Observe, Visualize, and Imagine (Fall 2017)

Observation. Visualization. Imagination. These are very important approaches to make a meaningful drawing. In this course we will learn how to draw using graphite, conté, ink, markers, and other media to develop confidence and a solid understanding of line, value, and perspective. We will also draw the human figure to understand portraiture and anatomy. Looking at examples throughout the centuries we will get an understanding of the importance of the image (in the 21st century more so than ever) and of being able to express oneself visually. Since the moving image is THE contemporary vehicle of communication in a world where nearly every reality is virtual, our final assignment will be a short drawing animation. 3 hrs. lect./lab **ART** *(H. Wallner)*

ART 0195 CMD+Z: Infinite Possibilities of The Digital Studio (Fall 2017)

This is a visual-foundations introductory course teaching methodologies for creative expression using digital applications in photography, drawing, moving image and the web. Students will develop literacy in Adobe Photoshop, Illustrator, and Premiere. Students will also learn coding for the web using HTML/CSS. Students will produce multiple smaller assignments culminating in a final creative project engaging personal expression and contemporary visual culture. Students will develop creative visual problem-solving and image-making skills that they can apply across many disciplines such as creative arts, computer science, geography and others. Students will need access to a DSLR camera with video capabilities. 6 hrs. lect./lab **ART** *(M. Leftheris)*

ART 0200 Animation: Analog Drawings Set to Sound and Motion (Fall 2017)

Animated drawings trying to capture movement date back to the earliest drawings of mankind, but only in the 19th century did the “moving image” become possible and dramatically change our view of the world. In this course we will explore the history of animation, from ancient Egyptian murals to DaVinci, and from Duchamp to Pixar, and we will watch contemporary examples of high- and low-brow animations. After an introduction of basic drawing techniques - with a focus on drawing life models - we will set out to create individual drawing animations. In these animations all kinds of approaches are valid, and students will work as independently as possible. Although there are no prerequisites for this course, visual art experience and foundation drawing skills are recommended. 3 hrs. lect./lab **ART** *(H. Wallner)*

ART 0300 Advanced Drawing: Making Your Mark (Spring 2018)

In this course students will refine their drawing skills and their understanding of formal pictorial language and how to visually communicate ideas to a viewer. Students will have the option to explore drawing from observation, imagination, abstraction, and unconventional. Students will be exposed to the importance and relevance of both contemporary art as well as ancient art, stressing critical thinking and the exploration of materials. (ART 0157, ART 0158, ART 0159 or by approval) 6 hrs. lect. **ART** *(H. Klein)*

ART 0309 The Landscape Re-Imagined: Painting, Drawing, Photography, and Glass (Fall 2017)

In this course we will explore various art-making methods to depict our campus landscape and architecture. We will use oil paint on canvas, color drawing media, photography, and kiln-fused glass in a multi-disciplinary approach to two-dimensional picture-making. We will then explore how to integrate these technical processes with a goal of creating new and contemporary painted images. In addition to weekly image-based lectures on the history of landscape painting, the class will involve a collaborative studio workshop atmosphere, close individual instruction, and personal artistic development. (ART 0157, ART 0158, ART 0159 or by approval) 6 hrs. lect./lab **ART** *(J. Butler)*

ART 0315 Scratching the Surface (Spring 2018)

In this course we will explore studio instruction in traditional and contemporary methods of intaglio printmaking with a critical emphasis on different methods of working directly on the plate. The general term intaglio (from the Italian intagliare, which means to engrave, carve, or cut) covers a multitude of processes. The incised line in the plate holds the ink while the surface is wiped clean. Only the line prints when paper is placed on the plate and both are run through the etching press. The course is augmented by slide lectures to provide the students with a thorough background in the intaglio medium as well as other drawing based mediums. Depending on resources, students may have the opportunity to be a part of an intensive, collaborative print project to produce an edition of prints with a professional artist. (ART 0157, ART 0158, ART 0159 or by approval) 6 hrs. lect./lab **ART** *(H. Klein)*

ART 0318 Silkscreen Printmaking (Fall 2017)

In this course students will explore the silkscreen medium with guided studio instruction. This will include paper stencil method, film stencil method, photographic stencil method, and multicolor printing. Concentration will be on drawing. Towards the end of the semester, students will learn to use basic computer-aided imagery. Students will explore the roll of silkscreen printing in contemporary art as well as its use in popular culture. Depending on resources, students may have the opportunity to be part of an intensive collaborative print project to produce an edition of prints with a professional artist. (ART 0157, ART 0158, ART 0159 or by approval) 6 hrs. lect./lab **ART** *(H. Klein)*

ART 0370 Portraiture In Oil Painting and Sculpture (Spring 2018)

In this class we will make images and objects of the human figure. Our approach will be two-fold: We will make glazed-ceramic portrait sculptures, which will be used as the basis for large-scale oil paintings. In doing so, we will learn how artists throughout history made oil paintings by creating and using visual source material. Our paintings will, as the need arises, integrate three-dimensional additions made from fired-ceramic, enameled copper, and/or fused glass. In these ways we will explore concepts of decoration, jewelry, and clothing. We will use digital photography throughout to record, analyze, and invent. In addition to weekly image-based lectures on the history of portraiture and design, the class will be include close, individual instruction within a collaborative workshop atmosphere. (ART 0157, ART 0158, ART 0159 or by approval) 6 hrs. lect./lab **ART** *(J. Butler)*

ART 0371 Sculpture I - Communicating in Three-Dimensions (Spring 2018)

This course is designed to further an investigation into the techniques and principles of three-dimensional art. Project objectives are designed to provide new problems and techniques to provoke creative solutions and visions. We will experiment with a number of materials and concepts, from wood-bending and welding to performance and installation. Each project's success will rely heavily on the research and commitment students bring to the creative process. Students will be expected to communicate the process and concept behind each artwork visually, orally, and in writing. (ART 0159 and another introductory level studio practice course from the following list: ART 0157, ART 0159, ART 0180, or by approval) 6 hrs. lect.lab **ART** *(S. Mirling)*

ART 0380 Photography Now (Spring 2018)

In this color digital photography course students will sharpen their points of view within the framework of a contemporary photographic practice. Students will learn how to shoot digitally, scan, develop lighting strategies, make large format prints and edit their images into a cohesive body of work. Readings and class discussions will be based on how the photographic image functions in our current culture. Students must have access to 15MP (or bigger) digital SLR camera with manual controls of focus, aperture, and shutter. 3 hrs. lect. **ART** *(M. Leftheris)*

ART 0388 Pictures in Space (Spring 2018)

Starting with the idea of lens-based imagery as material, we will push the boundaries of photography and video beyond the print and the single-channel screen. This will be achieved by looking at the way images can be presented in real/virtual spaces and the notion of using interaction to expand meaning. The course will be divided into two areas of focus—new media and installation. We will consider how audience experience factors into the reading of an artwork through group assignments, case studies of current artists, and three individual projects. While some proficiency in web coding and video is preferred, there will be a series of introductory demonstrations designed to bring all students up to the necessary skill level. Access to a video capable DSLR is required for this class. **ART** *(M. Leftheris)*

ART 0396 Origins of Photography: Shooting Film (Fall 2017)

In this course students will track photography's evolution historically and technically as we create lense-based art. We will start in the darkroom making photograms, shooting film with a manual SLR camera, and printing black and white wet process images. The second half of the semester we will continue shooting film while transitioning into scanning and color digital printing. Emphasis will be on development of an individual creative voice through close personal attention. In addition to studio work we will be studying the history of photography. Required: 35mm film SLR camera (preferable) or 8MP (or bigger) DSLR camera manual focus, aperture, and shutter. 6 hrs. lect./lab **ART** *(M. Leftheris)*

ART 0500 Special Project (Fall 2017, Spring 2018)

Supervised independent work with a special project proposed by a student or a collaboration between a student and a faculty member on a special project. Admission by permission of a faculty member. 3 hrs. lect.

ART 0700 Senior Independent Study (Fall 2017, Spring 2018)

Approval required. 4 hrs sem./lab

ART 0701 Senior Independent Study (Fall 2017, Spring 2018)

Approval required. 4 hrs sem./lab

ART 0702 Senior Independent Study (Fall 2017, Spring 2018)

Approval required. 4 hrs sem./lab

↑ Top

Program in Theatre

The following new guidelines apply to students who will enter Middlebury in the Fall of 2016 and to any student declaring a Theatre major in the Fall of 2016. Students who entered prior to Fall 2016 and have taken either HARC 0100 or THEA/CRWR 0218 should consult with the Department Chair.

Requirements for the Major: Students must complete a combination of twelve courses (eight core courses and four Theatre electives) and a Crew Requirement (defined below).

Core Courses

ARDV 0116 The Creative Process

THEA 0101 Visual Creativity for the Stage or THEA 0111 Scenic Design I: Beginning or THEA 0113 Lighting Design I: Beginning or THEA 0205 Costume Design I: Beginning

THEA 0102 Acting I

THEA 0208 Theatre History

THEA 0214 Directing I: Beginning

A THEA dramatic literature course

THEA 0406 Twentieth/Twenty-First Century Performance Aesthetics

THEA 0700 Senior Independent Project

Joint Majors: Students must complete a combination of eight courses (six core courses and two Theatre electives) and a Crew Requirement (defined below). Joint majors who choose to do their Senior Independent Project in acting or directing may be required to complete an additional course.
*Students wishing to undertake a joint major in ENAM and Theatre should be advised that senior work will normally consist of two full-credit classes, ENAM 0708 and THEA 0708. We strongly recommend that these classes be taken in the same semester, with the understanding that a central goal of the joint major is the thorough integration of both aspects of the joint major. A single-credit, single-semester joint project remains an option for those who wish to pursue a joint thesis that does not include a practical component such as acting or directing.

Core Courses

- ARDV 0116 The Creative Process
- THEA 0101Visual Creativity for the Stage or THEA 0111 Scenic Design I: Beginning or THEA 0113 Lighting Design I: Beginning or THEA 0205 Costume Design I: Beginning
- THEA 0102 Acting I
- THEA 0208 Theatre History
- THEA 0406 Twentieth/Twenty-First Century Performance Aesthetics
- THEA 0700 Senior Independent Project

Only one Production Studio course may be counted in fulfillment of the joint major.

Senior Independent Project: Students may pursue independent senior projects in acting, directing, design (set, light, or costume), playwriting, literature, applied theatre, or by combining two or more of the above disciplines. All senior projects will include both experiential and analytical work. Intermediate Independent Projects (THEA 0500) are not required but may be proposed in all disciplines except acting. Please visit Senior work for a guide to Senior Work Course Requirements.

Crew Requirement: The Crew Requirement must be completed by the end of the 5th semester and will normally be satisfied by undertaking a running crew assignment (lights, sound, wardrobe) on a for-credit production. This requirement may also be fulfilled by stage managing or assistant directing a faculty show, or by completing THEA 0119 Fall Production Studio: Design or THEA 0129 Spring Production Studio: Design.

Theatre Minor: Students must complete a combination of six courses (four core courses and two Theatre electives) and a crew requirement.

Core Courses:

- ARDV 0116 The Creative Process or THEA 0101 Visual Creativity for the Stage
- THEA 0102 Acting I
- THEA 0208 Theatre History
- THEA literature course

Theatre electives: only one Production Studio course may be counted as an elective.

Crew Requirement: The Crew Requirement must be completed by the end of the 5th semester and will normally be satisfied by undertaking a running crew assignment (lights, sound, wardrobe) on a for-credit production. This requirement may also be fulfilled by stage managing a faculty show, or by completing THEA 0119 Fall Production Studio: Designer THEA 0129 Spring Production Studio: Design.

Please note: These requirements apply to any student declaring a Theatre Minor starting fall 2014.

Theatre Minor Prior to Fall 2014

Students who declared a Thea minor prior to fall 2014 must complete a combination of six courses (three core courses and three Theatre electives).

Core Courses:

- ARDV 0116 The Creative Process or THEA 0101 Visual Creativity for the Stage
- THEA 0102 Acting I
- THEA 0208 Theatre History

Theatre electives: only one Production Studio course may be counted as an elective.

Honors: Honors, high honors, or highest honors are awarded to graduating seniors in the Theatre Program based upon their grade point average of 3.8 or better in theatre courses, and overall distinction in the department. Joint majors are only eligible for honors.

Major Requirements Prior to Fall 2016

Requirements for the Major: Students must complete a combination of twelve courses (eight core courses and four Theatre electives) and a Crew Requirement (defined below).

ARDV 0116 The Creative Process

THEA 0101 Visual Creativity for the Stage or THEA 0111 Scenic Design I: Beginning or THEA 0113 Lighting Design I: Beginning or THEA 0205 Costume Design I: Beginning

THEA 0102 Acting I

THEA 0208 Theatre History

THEA 0214 Directing I: Beginning

THEA/CRWR 0218 Playwriting I: Beginning or HARC 0100 Monuments and Ideas in Western Art or a THEA literature course

THEA 0406 Twentieth/Twenty-First Century Performance Aesthetics

THEA 0700 Senior Independent Project

THEA 0101 Visual Creativity for Stage (Fall 2017)

Students will develop an understanding of color, line, form, shape, texture, and balance as they apply to historical and current theatrical literature. Projects in figure drawing, charcoal and chalk, watercolor painting, and model making are intended to stretch the student's research ability, artistic imagination, critical-analysis, and presentation skills. The class is designed for all students interested in the visual and the performing arts and serves as an introduction to set, costume, and light design. 25 hours of production lab work will be assigned in class. 3 hrs. lect. **ART** *(M. Evancho)*

THEA 0102 Acting I: Beginning Acting (Fall 2017, Spring 2018)

Rigorous physical and psychophysical exercises attempt to break through the cultural and psychological barriers that inhibit an open responsiveness to impulses, to the environment, and to others. Attempt is made to free personal response within improvised scenes and, eventually, within the narrative structure of a naturalistic scene. Attention is given to various theories of acting technique. Students are expected to audition for departmental shows. (First- and second-year students only) 3 hrs. lect./individual labs **ART** *(Fall 2017: M. Biancosino, C. Medeiros; Spring 2018: M. Biancosino, A. Draper, C. Maravich)*

THEA 0106 Voices from the Postcolonial World (Spring 2018)

In this course we will study seminal 20th century plays from countries that do not belong to the so-called “dominant west.” While our primary focus will be close analysis of dramatic texts, we will occasionally read other kinds of writing (critical work, historical essays, primary documents) with a view to gaining insight into the historical and cultural context underlying each work. Our ultimate goal is to understand the plays as three-dimensional artistic interventions into the fabric of diverse societies. The reading list will include playwrights such as Aimé Césaire, José Triana, Nelson Rodrigues, Oswald de Andrade, Griselda Gambaro, Athol Fugard, Wole Soyinka, and Derek Walcott. All readings in English. 3 hrs. lect. *(Dramatic Literature)/* **AAL**, **AMR**, **ART**, **LIT** *(C. Medeiros)*

THEA 0111 Scenic Design I: Beginning (Fall 2017)

Exploration and development of basic set design skills for theatre and dance. Class projects will introduce the student to sketching, sculpting, script analysis, and presentation skills. The design projects will challenge the student's imagination and creativity through historical and current theatrical literature, the study of artistic movements in theatre, concept development, and research. In addition, students will work on productions in order to understand better how theory relates to practice. 25 hours of production lab work will be assigned in class. 3 hrs. lect. **ART** *(M. Evancho)*

THEA 0113 Lighting Design I: Beginning (Spring 2018)

This course examines historical and present lighting theories, theatrical artistic movements, and theatrical literature, leading to the planning and conceptual development of the lighting plot. Class projects will also introduce the student to sketching, painting, sculpture, script analysis, and presentation skills. In addition, students will work on productions in order to understand better how theory relates to practice. 25 hours of production lab work will be assigned in class/3 hrs. lect. **ART** *(M. Evancho)*

THEA 0119 Fall Production Studio: Design (Fall 2017)

In preparing a fully produced theatrical production for the stage, students will participate in and be exposed to professional production practices in all areas of theatrical design, including sets, costumes, props, lights, and sound. Students will be involved in planning, building, painting, constructing, and running and striking of shows. More advanced students may speak to the professors about taking on special projects, but those with little or no experience backstage are very much encouraged to participate. 8 hrs. lab **ART** *(M. Evancho, M. Veikley)*

THEA 0125 History of Western Dress: 1300-Present (Spring 2018)

This course will address the changing ways in which societies have clothed the human body since the phenomenon of fashion in Western dress began during the late Middle Ages. Slides, readings, and video clips will be used to examine the ways in which evolving styles of dress reflect the social and political values of a society. 3 hrs. lect. **ART** *(M. Veikley)*

THEA 0129 Spring Production Studio: Design (Spring 2018)

In preparing two fully produced theatrical productions for the stage, students will participate in and be exposed to professional production practices in all areas of theatrical design, including sets, costumes, props, lights, and sound. Students will be involved in planning, building, painting, constructing, and running and striking of shows. More advanced students may speak to the professors about taking on special projects, but those with little or no experience backstage are very much encouraged to participate. 8 hrs. lab **ART** *(M. Evancho, M. Veikley)*

THEA 0202 Acting II: Voice for the Actor (Fall 2017)

Using the Linklater technique for the voice, students will study the physiological foundations of voice and alignment. By means of interrelated physical and vocal exercises, students will discover ways of changing patterns that restrict a full range of physical and vocal expressiveness. Students will study and present passages from Shakespeare to explore ways in which their new physical and vocal skills may be used to express a greater range of intellectual and emotional understanding. (THEA 0102 and ARDV 0116; Approval required) 4 hrs. lect. *(A. Draper)*

THEA 0205 Costume Design I: Beginning (Fall 2017)

This introductory course will explore the art and practice of costume design for the theatre. Topics will include the psychology of dress, play-script and character analysis, concept development, historical research, figure drawing, and fabric considerations. (No prior drawing experience is assumed or expected.) 4 hrs. lect. **ART** *(M. Veikley)*

THEA 0208 Theatre History (Fall 2017)

Using the dramatic text as the primary focus, this course will chart the progression of theatre from its ritualistic origins to the advent of modern drama. This survey will include an overview of theatrical architecture, the evolution of design and acting styles, and the introduction of the director. Since theatre does not exist in a void, a consideration of the social, cultural, political, and scientific milieu of each era studied will be included in the course. 2 1/2 hrs. lect./discussion & 1 screening per week **ART**, **CMP**, **EUR**, **HIS** *(M. Biancosino)*

THEA 0210 Fall Production Studio: Acting (Fall 2017)

The cast works as part of a company interpreting, rehearsing, and performing a play. Those receiving credit can expect to rehearse four to six nights a week. Appropriate written work is required. Participation in the course is determined by auditions held the previous term. (Approval required) 3 hrs. lect. **ART** *(R. Romagnoli, A. Draper)*

THEA 0214 Directing I: Beginning (Spring 2018)

As a group, students will analyze one or two plays to discover the process involved in preparing a script for production. Attention will be given to production and design concepts, textual values, auditions, rehearsals, and the structuring of a performance in time and space. Students will also cast and direct one or more scenes to be worked on and performed in class. The practical work is combined with written analysis. (Approval required; ARDV 0116, THEA 0102) 4 hrs. lect. *(C. Medeiros)*

THEA 0218 Playwriting I: Beginning (Fall 2017, Spring 2018)

The purpose of the course is to gain a theoretical and practical understanding of writing for the stage. Students will read, watch, and analyze published plays, as well as work by their peers, but the focus throughout will remain on the writing and development of original work. (Formerly THEA/ENAM 0218) **ART**, **CW** *(D. Yeaton)*

Cross-listed as: CRWR 0218

THEA 0220 Spring Production Studio: Acting (Spring 2018)

The cast works as part of a company, interpreting, rehearsing, and performing a play. Those receiving credit can expect to rehearse four to six nights a week. Appropriate written work is required. Participation in the course is determined by auditions held during the term prior to the performance. (Approval required) 3 hrs. lect. **ART** *(M. Biancosino, C. Faraone)*

THEA 0221 Scenic Design II: Advanced (Spring 2018)

This upper level course is designed for students interested in an extension of Scenic Design I. The design projects will challenge the student's imagination and creativity through historical and current theatrical literature, the study of artistic movements in theatre, concept development, and research. Students will work to develop their theoretical designs into fully realized productions - from theory into practice. (THEA 0111 or by approval from the instructor) *(M. Evancho)*

THEA 0228 Contemporary British Playwrights (Fall 2017)

This course will explore Great Britain's controversial theatrical movement, beginning in the late sixties, which came to be known as "The Fringe." Plays by David Hare, Howard Brenton, Stephan Poliakoff, Howard Barker, David Edgar, Caryl Churchill, Snoo Wilson, Trevor Griffiths, and others will be discussed. Particular focus will be on the plays' dramaturgical and theatrical values, as well as their impact on the overall development of the Fringe theatre movement and its influence on the more traditional theatrical establishment. 3 hrs. lect. *(Dramatic Literature)/* **ART**, **EUR**, **LIT** *(R. Romagnoli)*

Cross-listed as: ENAM 0228

THEA 0235 Theatre and Social Change (Spring 2018)

In this course we will explore ways in which theatre engages perceptions, behaviors, and social conditions in audiences and practitioners. While historically controversial, the practice of art as an agent of change is increasingly important, ignited by the work of Augusto Boal. We will also explore works presented in a 'conventional' theatrical setting, drama therapy, and creative role-playing in institutional settings (prisons, schools, mental health facilities). Community-based work will focus on issues facing a specific community and the voices of that group. We will read theory and history, engage issues, and build work. No previous theatre experience is required. (Not open to students who have taken FYSE 1334) 3 hrs. lect. **ART**, **CMP**, **SOC** *(C. Faraone)*

THEA 0302 Acting III: Scene and Monologue Study (Spring 2018)

Designed primarily for majors who have had experience on stage or have otherwise demonstrated a serious interest in performance. The skills introduced in Acting I and Acting II are given intensive application to different kinds of dramatic texts, primarily realistic in nature. Attention will be given to expanding the performer's range of emotional and intellectual expressiveness. (Approval required) 4 hrs. lect. *(A. Draper)*

THEA 0324 Directing II: Advanced (Fall 2017)

This is a course for the upper level theatre student with previous experience in directing. Students will be exposed to various contemporary performance modes and styles and will devote half the semester to the exploration, rehearsal and performance of a substantive text. Attention will be given to the director/designer collaboration, working with actors, and the pragmatic aspects of mounting a production. This course is required for students hoping to propose independent work in directing, but is open to any student with the appropriate prerequisites. (Approval required; THEA 0214, additional directing experience or by waiver) 4 hrs. lect. *(C. Faraone)*

THEA 0406 Twentieth/Twenty-first Century Performance Aesthetics (Fall 2017)

This course is an intensive exploration of the evolution of the theory and practice of theatrical experimentation in the 20th and 21st centuries. The Modernist movement irrevocably altered the artist’s relationship to the social, and political order. The ramifications of this change will be addressed throughout the course, with particular emphasis on Brecht, Artaud, and Grotowski. Students will write papers and give presentations on the work of such contemporary artists as Peter Brook, DV8, Robert Wilson, Ariane Mnouchkine, Complicite and Jerzy Grotowski. (Approval required; ARDV 0116 and THEA 0208) 3 hrs. lect./1 hr. disc. **ART** *(C. Faraone)*

THEA 0500 Intermediate Independent Project (Fall 2017, Spring 2018)

In consultation with their advisors, theatre majors in design may propose a THEA 0500 Intermediate Independent Project. Preliminary proposal forms approved by the student's advisor will be submitted to the program by March 1st of the preceding academic year for those wanting credit in the fall or winter terms and by October 1st for those wanting credit in the spring term. Projects will conform to the guidelines that are available in the theatre office. Students are required to attend a weekly THEA 0500/0700 seminar.

THEA 0505 Intermediate Independent Project (Fall 2017, Spring 2018)

(Approval Required) *(Fall 2017: C. Medeiros, A. Draper, M. Evancho, C. Faraone, J. Emerson, D. Yeaton, R. Romagnoli; Spring 2018: R. Romagnoli, C. Medeiros, A. Draper, M. Evancho, C. Faraone, M. Veikley, D. Yeaton, A. Smith)*

THEA 0700 Senior Independent Project (Fall 2017, Spring 2018)

Senior work is required. In consultation with their advisors, theatre majors may propose a THEA 0700 Independent Project. Preliminary proposal forms approved by the student's advisor will be submitted to the program by March 1st of the preceding academic year for those wanting credit in the fall or winter terms and by October 1st for those wanting credit in the spring term. Projects will conform to the guidelines that are available in the theatre office. Students are required to attend a weekly THEA 0500/0700 seminar.

THEA 0708 Senior Work: Joint Majors in Theatre and English & American Literatures (Fall 2017, Spring 2018)

Approval required.

↑ Top

Writing and Rhetoric Program

College Writing Requirement

Because Middlebury College values writing, all students are required to take two writing intensive courses. The first writing intensive course is the First Year Seminar, taught by faculty across the disciplines. The second writing intensive course is generally taken by the end of a student's sophomore year or as advised by their major area of study. This course is designated by a "CW."

The second-level CW course features in-class discussion of writing and attention to revision. College writing courses are limited in size and faculty are asked to provide written responses to drafts and to meet individually with students to discuss their work. Many college writing courses also assign peer review.

Expectations for writing in the second-level CW course vary from department to department and class to class. Some classes require twenty pages of polished prose. Others require writing that includes charts and graphs, or perhaps writing for the web. These classes might not think in terms of page numbers.

In CW classes instructors might assign informal writing as well as formal writing. Informal writing, often known as "writing to learn," might be graded or ungraded and might include journals, field notes, informal responses to readings, online discussions, and in-class writing. Informal writing might be used as a way to begin a formal paper or as a means to generate good class discussion.

Formal writing assignments are usually graded, and might include critical and/or creative work. Genres include: argumentative essays, research papers, literature reviews, case studies, op-eds, blogs, digital writing, critical narratives, etc.

Some departments reserve their college writing classes for students majoring in their discipline. In other departments the CW class is open to students across the college, and course content may vary widely.

Faculty seeking approval of their CW class should contact Shawna Shapiro, Director of the Writing and Rhetoric Program. In addition, faculty may contact any member of the Writing and Rhetoric Program to discuss their goals for their CW class and to obtain feedback on writing assignments, syllabus design, the peer review process, or responding to student writing.

Members of the Writing and Rhetoric Program are also available to visit classes to talk with you and your students about writing.

WRPR 0100 Writing in Academic Contexts I (Fall 2017)

This course is for students who would like extra work on critical thinking and analytical writing. All sections of this course will address a variety of writing strategies and technologies, from free writing to online writing. Each section will focus on a particular theme to be determined by the instructor. This course does not fulfill the college writing requirement. 3 hrs. lect./disc. *(M. Bertolini, J. Sanchez)*

WRPR 0101 Writing Workshop II (Spring 2018)

All sections of this course will address a variety of writing techniques and communications tools. Each section will focus on a particular theme. This course does not fulfill the college writing requirement. 3 hrs. lect./disc. *(H. Vila)*

WRPR 0102 English Language in Global Context (Spring 2018)

In this course, we will discuss and write about the dominance of English in the global landscape. The course reader, *The Handbook of World Englishes* (2006), offers an interdisciplinary approach to the topic. We will begin the course with a geographic and historical overview of World Englishes and then will examine the impact of English language dominance on individuals and societies, emphasizing themes such as migration, globalization, education, and identity. Throughout the course, we will explore the relevance of these issues to educators, linguists, and policy-makers around the world. **CMP**, **SOC** *(S. Shapiro)*

Cross-listed as: EDST 0102

WRPR 0110 English Grammar: Concepts and Controversies (Fall 2017)

In this course we will study the structure of the English language, learning key terms and strategies for analyzing English syntax. We will explore English grammar from both prescriptive and descriptive perspectives and examine its relevance to language policy, linguistic prejudice, and English education. Readings will be drawn from a variety of texts, including *Rhetorical Grammar* (2009), *Eats, Shoots & Leaves* (2006), *Language Myths* (1999), and *Origins of the Specious* (2010). This course is relevant to students wanting to increase their own knowledge of the English language, as well as to those seeking tools for English teaching and/or research. **SOC** *(S. Shapiro)*

Cross-listed as: LNGT 0110

WRPR 0172 Writing Gender and Sexuality (Spring 2018)

In this course we will read, discuss, and write creative works that explore issues of gender and sexuality. Readings will include stories, poems, and essays by James Baldwin, Ana Castillo, Peggy Munson, Eli Claire, Junot Diaz, Audre Lorde, Michelle Tea, Alison Bechdel, and others. The course will include writing workshops with peers and individual meetings with the instructor. Every student will revise a range of pieces across genres and produce a final portfolio. We will do some contemplative work and will engage with choreographer Maree Remalia to explore movement in conversation with writing, gender, and sex. 3 hrs. lect. **ART** *(C. Wright)*

Cross-listed as: GSFS 0172 *

WRPR 0202 Writing To Heal (Spring 2018)

This writing-intensive course examines writing as a catalyst for healing after loss or grief. In a workshop focused on student writing, we will analyze the fiction, drama, poetry and creative nonfiction of Arthur Miller, Jane Austen, Frank McCourt, C.S. Lewis, Sharon Olds, William Wordsworth, Christopher Noel, Madeleine Blais, Susan Minot. Reading James W. Pennebaker's *Opening Up* and Louise DeSalvo's *Writing As A Way of Healing* will create a theoretical underpinning for our discussions. Assignments for this course will include formal analytical essays, creative work (published online), as well as electronic journals and oral presentations. **CW**, **LIT** *(M. Bertolini)*

WRPR 0205 Race, Rhetoric, and Protest (Fall 2017, Spring 2018)

In this course we will study the theoretical and rhetorical underpinnings of racial protest in America. We will begin by studying movements from the 1950s and 1960s, moving from bus boycotts to Black Power protests, and will build to analyzing recent protests in Ferguson, Dallas, and New York. Readings will include texts from Charles E. Morris III, Aja Martinez, Shon Meckfessel, Gwendolyn Pough, and various articles and op-eds. Students will write analyses of historical and contemporary protest, op-eds about the local culture, and syntheses on the course readings. 3 hrs. Lect **AMR**, **CW**, **NOR**, **SOC** *(J. Sanchez)*

Cross-listed as: GSFS 0205

WRPR 0206 Narratives in News Media (Spring 2018)

In this course we will consider questions such as: What linguistic strategies do the news media use to craft compelling stories? What are the dominant narratives at play about national and global social issues, and how are some journalists working to counter those narratives? We will employ Critical Discourse Analysis as a central framework, reading theoretical and empirical work by linguists such as Teun van Dijk, as well as from sociologists and political scientists. We will engage with “On the Media” and other podcasts, TED talks, documentaries such as Outfoxed (2004), and online magazines. Students will write for a variety of audiences. 3 hrs. lect./disc. **CW**, **SOC** *(S. Shapiro)*

Cross-listed as: LNGT 0206

WRPR 0207 Intercultural Rhetoric Lab (Spring 2018)

What are the tensions inherent in intercultural communication, and what happens when intercultural interactions involve persuasion and influence? In this course connecting Middlebury College and MIIS students, we will create an inquiry space to investigate, and develop the practice of, intercultural listening and speaking. Class sessions will introduce rhetorical and multimodal techniques designed to help students negotiate power differences, deliberate collaboratively, and observe and question empathetically. Students will work together to create digital artifacts and live events that demonstrate their developing capacities as ethical communicators and agents of change. 3 hrs. lect. **CMP**, **SOC** *(D. Yeaton, N. Avineri)*

Cross-listed as: INTD 0207

WRPR 0211 Trickery, Bodies, and Resistance: The Tradition(s) of Rhetoric (Spring 2018)

How do female identifying subjects position themselves (and their bodies) rhetorically in a male-dominated society? How do Black and Latinx rhetorical traditions of call-and-response and code-switching connect with and resist classical traditions of oration and stylistics? In this course we will study the tradition(s) of rhetoric by moving from the trickery of sophists to budding works in feminist rhetorics and cultural rhetorics. Students in this class will learn to synthesize the various traditions of rhetoric in historical and contemporary terms and to critically understand cultural customs that exist outside the white, heteronormative Greco-Roman tradition. 3 hrs. lect. **AMR**, **CMP**, **CW**, **SOC** *(J. Sanchez)*

Cross-listed as: GSFS 0211

WRPR 0225 Feminist Blogging (Fall 2017)

Blogging is a genre that lends itself to both feminist theory and practice because it involves writing from a particular place and a particular embodiment, about how power operates in our social worlds. Feminist theory demands intersectionality: an ability to weave race, class, gender, sexuality and other forms of power into a single theoretical approach. Feminist blogging transforms intersectionality into a single narrative arc. In this course we will think about blogging as a genre and how feminist theory can infuse that genre into a more vibrant, complex, and even transformative site. Throughout the course we will read feminist theory, analyze feminist blogs, and produce our own feminist blogs. 3 hrs. lect. **AMR**, **CMP**, **CW**, **LIT**, **NOR**, **SOC** *(L. Essig)*

Cross-listed as: GSFS 0225 *

WRPR 0303 Outlaw Women (Spring 2018)

In this course we will read and discuss literary novels that feature women who defy social norms: daring survivors, scholars, “whores,” queers, artists, “madwomen,” servants, revolutionaries. We will take a critical and transnational approach to issues of race, class, gender, sexuality, ability, and religion. Texts will include Toni Morrison’s *Sula*, Audre Lorde’s *Zami*, Marguerite Duras’ *The Lover,* Jamaica Kincaid’s *Lucy*, Patricia Powell’s *The Pagoda*, and Azar Nafisi's *Reading Lolita in Tehran*. Students will write formal literary analysis,and narrative criticism. Together we will engage in some contemplative practice and study selected films. (Any one GSFS Course) **CMP**, **CW**, **LIT**, **SOC** *(C. Wright)*

Cross-listed as: GSFS 0303 *

WRPR 0333 Writing On Contemporary Issues: Writing, Editing, and Publishing Online (Spring 2018)

This course is an introduction to writing prose for a public audience. Students will create both critical and personal essays that feature strong ideas and perspectives. The readings and writing will focus on American popular culture, broadly defined. Essays will critically engage elements of contemporary American popular culture via a vivid personal voice and presence. Readings will address current issues in popular culture – Gladwell, “Brain Candy,” Klosterman, “Campus Confidential,” for instance. *ReMix: Reading in Contemporary Culture* is the central text. The end result will be a new online magazine of writings on American popular culture 3 hrs. lect. **AMR**, **ART**, **CW**, **NOR**, **SOC** *(H. Vila)*

Cross-listed as: CRWR 0333

WRPR 0334 Writing and Experience: Exploring Self in Society (Fall 2017)

The reading and online writing for this course will focus on what it means to construct a sense of self in relation to the larger social world of family and friends, education, media, work, and community. Readings will include nonfiction and fiction works by authors such as Maya Angelou, James Baldwin, Andre Dubus, Tim O'Brien, Flannery O'Connor, Amy Tan, Tobias Wolff, and Alice Walker. Students will explore the craft of storytelling and the multiple ways in which one can employ the tools of fiction in crafting creative nonfiction and fiction narratives for a new online magazine on American popular culture. This magazine will have been created by students in Writing on Contemporary Issues. Narratives about self and society will therefore lean towards aspects of American popular culture. 3 hrs sem. **AMR**, **CW**, **LIT**, **NOR**, **SOC** *(H. Vila)*

Cross-listed as: CRWR 0334

WRPR 0500 Special Project: Literature (Fall 2017, Spring 2018)

(Approval Required)